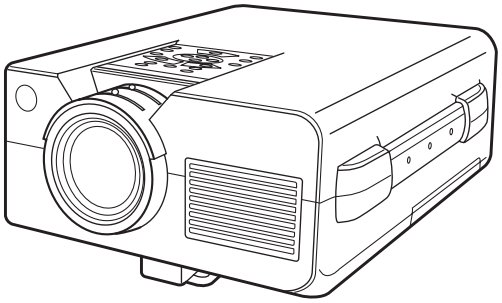
SHARP SERVICE MANUAL

S19B9XG-NV5XU



PAL/SECAM/NTSC SYSTEM
LCD PROJECTOR

IQ IMAGE QUALITY

MODEL **XG-NV5XU**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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SHARP CORPORATION

This document has been published to be used for after sales service only.
The contents are subject to change without notice.

Specifications

Product type	LCD Projector
Model	XG-NV5XU
Video system	PAL/SECAM/NTSC 3.58/NTSC 4.43
Display method	LCD panel 2 3, RGB optical shutter method
LCD panel	Panel size: 0.99(13.9 [H] 2 18.5 [W] mm) Display method: Translucent TN liquid crystal panel Drive method: TFT (Thin Film Transistor) Active Matrix panel No. of dots: 786,432 dots (1,024 [H] 2 768 [V])
Lens	1–1.52 zoom lens, F2.0–2.6, f 4 37–55.5 mm
Projection lamp	AC 150 W lamp
Brightness (ANSI lumen)	600 ANSI lumens
Contrast ratio	200:1
Video input signal	RCA Connector: VIDEO, composite video, 1.0 Vp-p, sync negative, 75 Ω terminated RCA Connector: AUDIO, 0.5 Vrms more than 22 kΩ (stereo)
S-video input signal	4-pin mini DIN connector Y (luminance signal): 1.0 Vp-p, sync negative, 75 Ω terminated C (chrominance signal): Burst 0.286 Vp-p, 75 Ω terminated
Horizontal resolution	700 TV lines (video input)
Audio output	2 W (monaural)
Computer RGB input signal	*Video signal* 15-PIN MINI D-SUB CONNECTOR (Computer Input Port 1, 2): RGB separate/composite sync/sync on green type analog input: 0–0.7 Vp-p, positive, 75 Ω terminated STEREO MINIJACK: AUDIO, 0.5 Vrms, more than 22 kΩ (stereo) HORIZONTAL SYNC. SIGNAL: TTL level (positive/negative) or composite sync (Apple only) VERTICAL SYNC. SIGNAL: Same as above
Computer control signal	9-pin D-sub male connector (RS-232C Input Port)
Speaker system	3 3/32 9(8 cm) round
Rated voltage	AC 110–120/220–240 V
Input current	2.4 A/1.2 A
Rated frequency	50/60 Hz
Power consumption	270 W
Operating temperature	41°F to 104°F (' 5°C to ' 40°C)
Storage temperature	1 4°F to 140°F (1 20°C to ' 60°C)
Cabinet	Plastic
I/R Carrier frequency	40 kHz
Laser Pointer of Remote Control	*Wave length:* 670 nm *Max. output:* 1 mW Class II Laser Product
Dimensions (approx.)	9 1/64 9(W) 2 4 49/64 9(H) 2 12 13/64 9(D) (229 2 121 2 310 mm) (main body only) 9 19/32 9(W) 2 5 3/64 9(H) 2 13 17/64 9(D) (243.5 2 128 2 337 mm) (including an adjustment foot and projecting parts)
Weight (approx.)	10.6 lbs. (4.8 kg)
Supplied accessories	"Power" remote control, Simple presentation remote control, Four AA size batteries, Two AAA size batteries, Power cord (9810 9, 3 m), Computer cable (9810 9, 3 m), Computer audio cable (9810 9, 3 m), Macintosh adaptor, Mouse control serial cable (3839 1 m), Mouse control cable for IBM PS/2 (3839 1 m), Mouse control cable for Mac (6 45/64 9, 17 cm), Remote mouse receiver, Extra air filter, Lens cap (attached), Carrying bag, CD-ROM, LCD projector operation manual, LCD projector quick reference, Sharp Advanced Presentation Software operation manual, Sharp Advanced Presentation Software quick reference
Replacement parts	Lamp unit (Lamp/cage module) (BQC-XGNV5XU/1), "Power" remote control (RRMCG1470CESA), Simple presentation remote control (RRMCG1480CESA), AA size batteries (UBATU0025GEZZ), AAA size batteries (UBATU0026GEZZ), Power cord (CACCU5013CE01), Computer cable (QCNW-5108CEZZ), Computer audio cable (QCNW-4870CEZZ), Macintosh adaptor (QPLGJ1512CEZZ), Mouse control serial cable (QCNW-5112CEZZ), Mouse control cable for IBM PS/2 (QCNW-5113CEZZ), Mouse control cable for Mac (QCNW-5114CEZZ), Remote mouse receiver (RUNTK0648CEZZ), Air filter (PFILD0076CEZZ), Lens cap (GCOVH1307CESA), Carrying bag (GCASN0001CESA), CD-ROM (UDSKA-0001CE01), LCD projector operation manual (TINS-6583CEZZ), LCD projector quick reference (TINS-6598CEZZ), Sharp Advanced Presentation Software operation manual (TINS-6601CEZZ), Sharp Advanced Presentation quick reference (TINS-6676CEZZ)

This SHARP projector uses LCD (Liquid Crystal Display) panels. These very sophisticated panels contain 786,432 pixels (2 RGB) TFTs (Thin Film Transistors). As with any high technology electronic equipment such as large screen TVs, video systems and video cameras, there are certain acceptable tolerances that the equipment must conform to.

This unit has some inactive TFTs within acceptable tolerances which may result in illuminated or inactive dots on the picture screen. This will not affect the picture quality or the life expectancy of the unit. If you have any questions about this matter, please call toll free 1-800-BE-SHARP (1-800-237-4277). U.S.A. ONLY

Specifications are subject to change without notice.

IMPORTANT SERVICE SAFETY NOTES

■ **Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and servicing guidelines as follows:**

WARNING

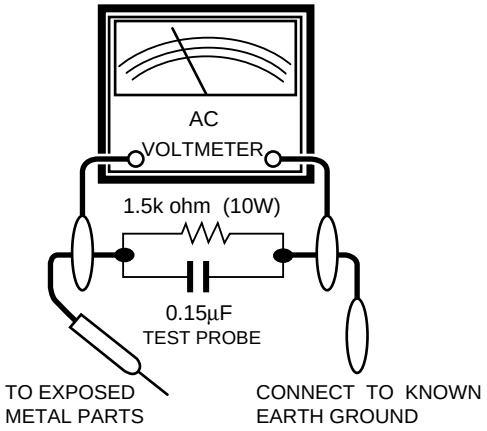
1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

BEFORE RETURNING THE PROJECTOR: (Fire & Shock Hazard)

Before returning the projector to the user, perform the following safety checks:

1. Inspect lead wires are not pinched between the chassis and other metal parts of the projector.
2. Inspect all protective devices such as non-metallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacity networks, mechanical insulators, etc.
3. To be sure that no shock hazard exists, check for current leakage in the following manner:

- Plug the AC cord directly into a 120-volt AC outlet, (Do not use an isolation transformer for this test).
- Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15µF capacitor in parallel between all exposed metal cabinet parts and earth ground.
- Use an AC voltmeter with sensitivity of 5000 ohm per volt., or higher, sensitivity to measure the AC voltage drop across the resistor (See Diagram).
- All checks must be repeated with the AC plug connection reversed. (If necessary, a non-polarized adapter plug must be used only for the purpose of completing these checks.)
  Any reading of 0.3 volts RMS (this corresponds to 0.2 milliamp. AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the unit to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD Projector have special safety-related characteristics.
These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.
Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts Lists and Schematic Diagrams. For continued protection, replacement parts must be identical to those used in the original circuit. The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

WARNING: The bimetallic component has the primary conductive side exposed. Be very careful in handling this component when the power is on.

AVIS POUR LA SECURITE

De nombreuses pièces, électriques et mécaniques, dans les projecteur à LCD présentent des caractéristiques spéciales relatives à la sécurité, qui ne sont souvent pas évidentes à vue.
Le degré de protection ne peut pas être nécessairement augmentée en utilisant des pièces de remplacement étalonnées pour haute tension, puissance, etc.
Les pièces de remplacement qui présentent ces caractéristiques sont identifiées dans ce manuel; les pièces électriques qui présentent ces particularités sont identifiées par la marque "⚠" et hachurées dans la liste des pièces de remplacement et les diagrammes schématiques. Pour assurer la protection, ces pièces doivent être identiques à celles utilisées dans le circuit d'origine. L'utilisation de pièces qui n'ont pas les mêmes caractéristiques que les pièces recommandées par l'usine, indiquées dans ce manuel, peut provoquer des électrocutions, incendies ou autres accidents.

AVERTISSEMENT: La composante bimétallique dispose du conducteur primaire dénudé. Faire attention lors de la manipulation de cette composante sous tension.

NOTE TO SERVICE PERSONNEL

UV-RADIATION PRECAUTION

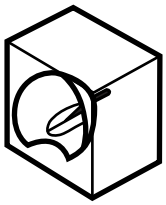
The light source, metal halide lamp, in the LCD projector emits small amounts of UV-Radiation.

AVOID DIRECT EYE AND SKIN EXPOSURE.

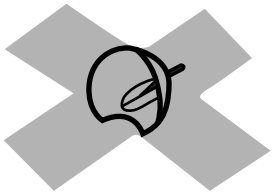
To ensure safety please adhere to the following:

1. Be sure to wear sun-glasses when servicing the projector with the lamp turned “on” and the top enclosure removed.

2. Do not operate the lamp outside of the lamp housing.



3. Do not operate for more than 2 hours with the enclosure removed.



UV-Radiation and Medium Pressure Lamp Precautions

1. Be sure to disconnect the AC plug when replacing the lamp.
2. Allow one hour for the unit to cool down before servicing.
3. Replace only with same type lamp. Type CLMPF0055DE05 or BQC-XGNV5XU/1 rated 65V/ 150W.
4. The lamp emits small amounts of UV-Radiation, avoid direct-eye contact.
5. The medium pressure lamp involves a risk of explosion. Be sure to follow installation instructions described below and handle the lamp with care.

NOTE POUR LE PERSONNEL D’ENTRETIEN

PRECAUTION POUR LES RADIATIONS UV

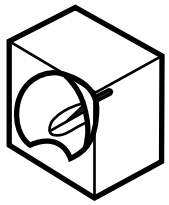
La source de lumière, la lampe métal halide, dans le projecteur LCD émet de petites quantités de radiation UV.

EVITEZ TOUTE EXPOSITION DIRECTE DES YEUX ET DE LA PEAU.

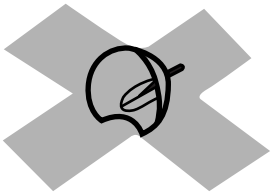
Pour votre sécurité, nous vous prions de respecter les points suivants:

1. Toujours porter des lunettes de soleil lors d’un entretien du projecteur avec la lampe allumée et le haut du coffret retiré.

2. Ne pas faire fonctionner la lampe à l’extérieur du boîtier de lampe.



3. Ne pas faire fonctionner plus de 2 heures avec le coffret retiré.



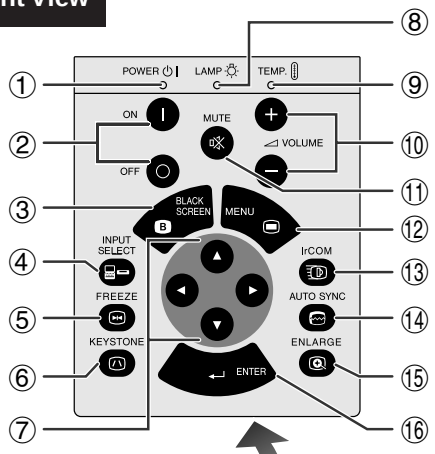
Précautions pour les radiations UV et la lampe moyenne pression

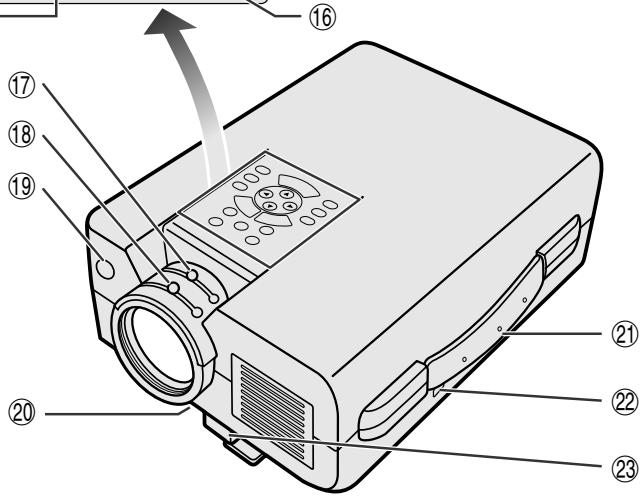
1. Toujours débrancher la fiche AC lors du remplacement de la lampe.
2. Laisser l’unité refroidir pendant une heure avant de procéder à l’entretien.
3. Ne remplacer qu’avec une lampe du même type. Type CLMPF0055DE05 or BQC-XGNV5XU/1, caractéristique 65V/150W.
4. La lampe émet de petites quantités de radiation UV- éviter tout contact direct avec les yeux.
5. La lampe moyenne pression implique un risque d’explosion. Toujours suivre les instructions d’installation décrites ci-dessous et manipuler la lampe avec soin.

Location of Controls

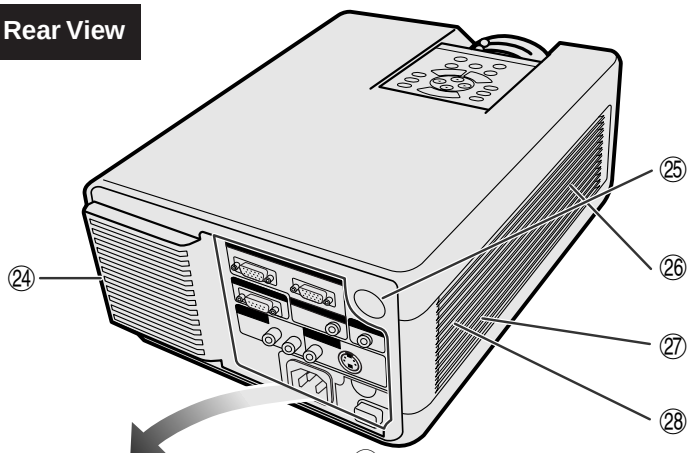
Projector

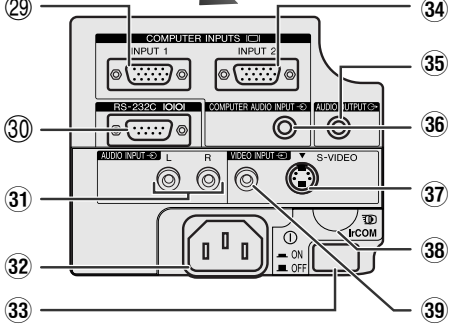
Front View





Side and Rear View



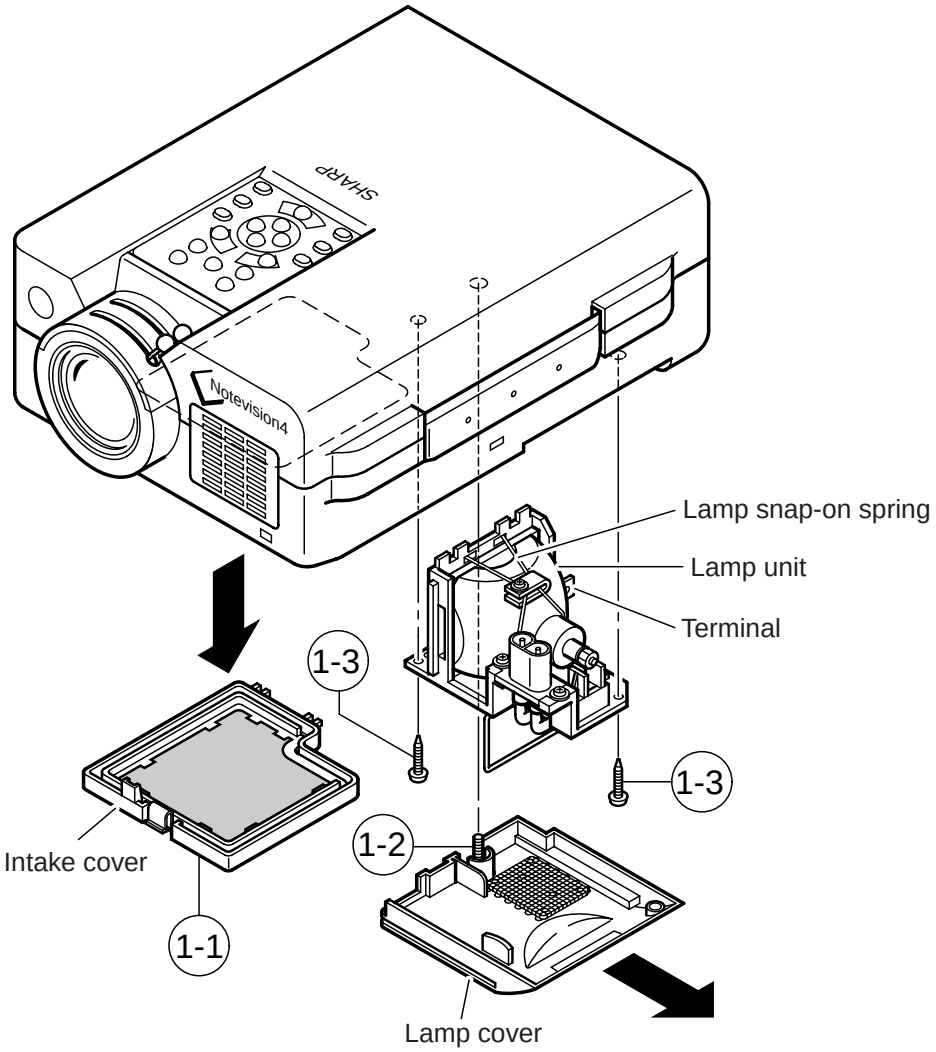


① POWER indicator
② POWER buttons (ON/OFF)
③ BLACK SCREEN button
④ INPUT SELECT button
⑤ FREEZE button
⑥ KEYSTONE button
⑦ ADJUSTMENT buttons (▲/▼/◄/►)
⑧ LAMP REPLACEMENT indicator
⑨ TEMPERATURE WARNING indicator
⑩ VOLUME buttons (' /1)
⑪ MUTE button
⑫ MENU button
⑬ IrCOM button
⑭ AUTO SYNC button
⑮ ENLARGE button
⑯ ENTER button
⑰ Zoom knob
⑱ Focus knob
⑲ Remote control sensor
⑳ Air filter /Cooling fan (Intake vent)
㉑ Carrying handle
㉒ Kensington Security Standard connector
㉓ Foot release
㉔ Cooling fan (Exhaust vent)
㉕ Remote control sensor
㉖ Speaker
㉗ Cooling fan (Intake vent)
㉘ Air filter
㉙ COMPUTER INPUT 1 port (HD-15)
㉚ RS-232C port (9-pin D-sub)
㉛ AUDIO INPUT terminals: RCA
㉜ AC socket
㉝ MAIN POWER switch
㉞ COMPUTER INPUT 2 port (HD-15)
㉟ AUDIO OUTPUT terminal (3.5 mm stereo minijack)
㊱ COMPUTER AUDIO INPUT terminal (3.5 mm stereo minijack)
㊲ S-VIDEO INPUT terminal: 4-pin mini DIN
㊳ IrCOM sensor
㊴ VIDEO INPUT terminal: RCA

REMOVING OF MAJOR PARTS

1. Removing the Intake cover and lamp unit

1-1. Detach the Intake cover.
1-2. Loosen the lamp cover screw and draw out the lamp cover in the direction of arrow (toward yourself).
1-3. Remove the two lamp unit lock screws. Detach the lamp unit.



Note:

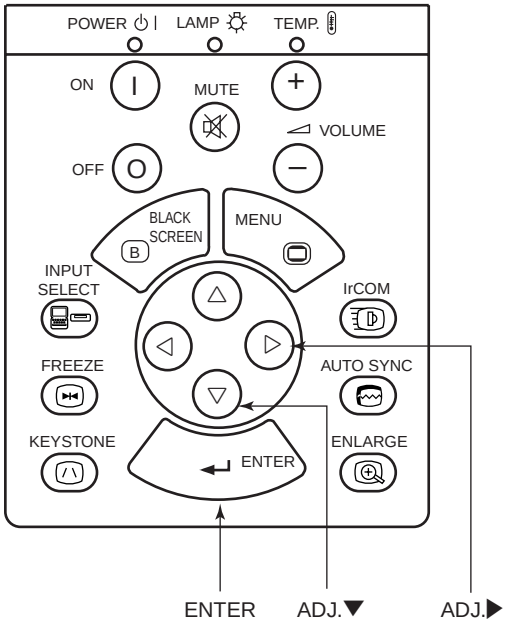
When replacing the lamp, make sure that there is a clearance of over 8mm between the terminal and the lamp snap-on spring (and other metallic parts).

RESETTING THE TOTAL LAMP TIMER

When the lamp has been replaced, reset the total lamp timer in the following steps.

Resetting procedure

1. While holding down the “ENTER”, “ADJ.▼” and “ADJ.▶” keys on the set at the same time, turn on the main power switch (located side the AC inlet).
2. Now the total lamp timer is reset to zero. “000H” appears on the screen.



The projector will not operate after the lamp timer exceeds 2000hrs. If the lamp replacement indicator is red, and the projector will not power on, replace the lamp and reset the lamp timer.

Lamp

The lamp in this projector operates for approximately 2,000 cumulative hours, depending on the usage environment. It is recommended that the lamp be replaced after 1,900 cumulative hours of use or when you notice a significant deterioration of the picture and color quality.

CAUTION

- Intense light hazard. Do not attempt to look into the aperture and lens while the projector is operating.

NOTE

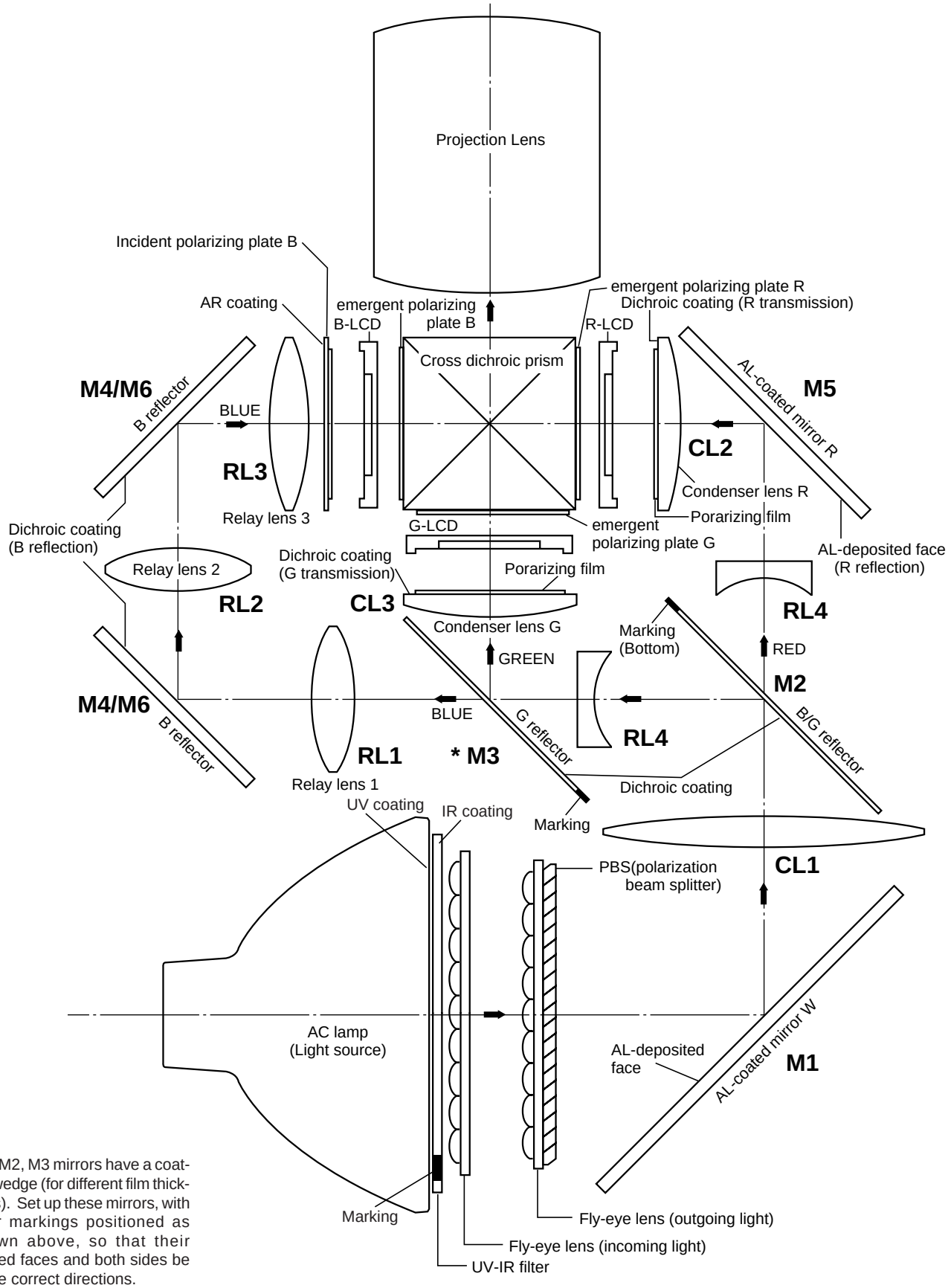
- The lamp usage time can be checked with the On-screen Display .
- As the usage environment can vary significantly, the projector lamp may not operate for 2,000 hours.

Condition	Problem	Possible Solution
The LAMP REPLACEMENT indicator lights up red, and “LAMP” and “▩” will flash in yellow in the lower-left corner of the picture.	• Lamp has been used for over 1,900 hours.	• Purchase a replacement lamp unit (lamp cage/module) of the current type BQC-XGNV5XU/1 from your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center. • Replace the lamp. If you wish, you may have the lamp replaced at your nearest Authorized Sharp Industrial LCD Products Dealer or Service Center.
A significant deterioration of the picture and color quality occurs.		
The power will automatically turn off and the projector will enter standby mode.	• Lamp has been used for over 2,000 hours.	
“LAMP” and “▩” will flash in red in the lower-left corner of the picture, and the power will turn off.		

THE OPTICAL UNIT OUTLINE

Layout of the optical system

Note: Layout for positioning the optical system.



* The M2, M3 mirrors have a coating wedge (for different film thickness). Set up these mirrors, with their markings positioned as shown above, so that their coated faces and both sides be in the correct directions.

CONVERGENCE AND FOCUS ADJUSTMENT

- **Start the convergence and focus adjustments with the top panel removed but the power on. Use the remote control to adjust the image.**
  Take the following procedures.

1. Focusing the projection lens

(A) Replacing all the 3 LCD panels

1. Before replacing all the 3 LCD panels, project an image on the screen and bring it into focus.
2. Replace the LCD panels with new ones. But until the focus has been completely readjusted, be careful not to change the projection distance between the set and the screen, nor to move the projection lens focus and zoom rings.

Note:

If the focus is readjusted with a different positional relation, the relation between the projection distance and the screen size is affected. In other words, a short-distance image (40 WIDE for example) may get out of the focus range, or a long-distance image (300 WIDE for example) may come out of the focus.

(B) Replacing 1 or 2 of the 3 LCD panels

1. In adjusting the focus after replacement of one or two LCD panels, project an image on the screen and turn the projection lens focus ring to get the non-replaced LCD panel into focus.
2. But until the focus has been completely adjusted for the new LCD panels, be careful not to change the projection distance between the set and the screen, nor to move the projection lens focus and zoom rings.
3. If the projection distance has been changed or the projection lens readjusted, repeat the above steps 1 and 2.

2. Focus adjustment

(A) Adjusting the G-LCD panel(Make this adjustment on the white-only screen.)

1. Adjustment in θX and Z directions .
   Loosen the lock screw "a" and insert an eccentric screwdriver into the notch and hole "a". Turn the screwdriver until the top, center and bottom on the screen get into focus. In adjusting this top-to-bottom focus, tighten the lock screws "b" and "c" to fix the θY direction adjustment.
   First get the right and left halves in balance. Then improve the accuracy while making the adjustment 2 below.
2. Adjustment in θY direction
   Temporarily tighten the lock screw "a" and loosen the lock screws "b" and "c". Insert the eccentric screwdriver into the notch and hole "c" for adjusting in the θY direction on the top of the screen. Insert the eccentric screwdriver into the notch and hole "b" for adjusting in the θY direction on the bottom of the screen.
3. Repeat the above steps 1 and 2 to finely adjust the focus. Finally tighten up all the lock screws.

Notes :

① Carefully proceed with the focus adjustment because the adjusting directions are correlated.
② In adjusting the convergence and focus, do not move the projection lens zoom and focus rings until the end of all the adjustments.

(B) Adjusting the B-LCD panel (Do the same for the R-LCD panel.)

1. Take the same procedure as for the G-LCD panel focus adjustment. Note that the adjustment range is wider in the Z direction. If the convergence is quite different between the B-LCD and G-LCD panels, roughly adjust the convergence first and then the focus.

3. Convergence adjustment

- Use a crosshatch pattern signal for this adjustment.
  Make the adjustment just for the G-LCD and the relevant color.

1. Loosen the convergence lock screw "d".
2. Adjustment in Y and θZ directions
   Put a hex wrench in the Y and θZ direction adjustment zone.
3. Adjustment in X direction
   Put an eccentric cam adjusting wrench in the X direction adjustment zone.

ELECTRICAL ADJUSTMENT

Hook up a signal generator, or a DOSV or Mac personal computer to the projector in order to feed the signals specified in the Adjusting conditions.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
1	**EEPROM initialization**	1. Turn on the power (make sure the lamp lights up) and warm up the unit for 15 minutes.	● Make the following settings: Press S5001 to call up the process mode and execute S2 in the SSS menu. Now the system, with the PC board not included, is initialized. Do not execute S1 because otherwise the PC board will be initialized. To adjust the PC board, follow the instruction in "Adjusting the PC board". (See page 30)
2	**3.3V power supply adjustment**	1. Turn on the power. 2. Connect the digital voltmeter to TP1446.	● Adjust R1649 so that the voltmeter should read 3.325 V ±100 mV.
3	**2.5V power supply adjustment**	1. Turn on the power. 2. Connect the digital voltmeter to TP1447.	● Adjust R1652 so that the voltmeter should read 2.625 V ±50 mV.
4	**R drive**	1. Make the following choice. Group : A/D Subject : GAIN Make sure the GAIN value is 163. 2. Feed the 100% red-only signal. Make the following choice. Group : A/D Subject : R-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
5	**B drive**	1. Feed the 100% blue-only signal. Make the following choice. Group : A/D Subject : B-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).
6	**G drive**	1. Feed the 100% green-only signal. Make the following choice. Group : A/D Subject : G-D	● Using the control switches or the remote controller buttons, adjust the data so that the signal becomes bit-less (noise).

No.	Adjusting point	Adjusting conditions	Adjusting procedure
27	**RGB performance check**	1. Receive the RGB signal.	● In the process mode and select L4. Check the picture, brightness, red, blue, clock, phase, horizontal position, and vertical position.
28	**Off-timer performance check**		● In the process mode and select OFF. Make sure that the off-timer starts with “5” (minutes), counts down each minute in 1 second, and turns off the set at “0”.
29	**Thermistor performance check**	1. Heat the thermistor using a dryer.	● Make sure the “TEMP” is displayed.
30	**Automatic synchronization**	1. Receive the PHASE check pattern signal.	● Call the VGA/SVGA/XGA/SXGA mode and make sure that the clock, phase, horizontal and vertical positions can be automatically adjusted.
31	**IrDA performance check**		● Make sure the IrDA signal can be received.
32	**Keystone correction performance check**		● Make sure the keystone correction functions well.
33	**Factory settings**		● Make the following settings. Process adjustment: S4 Remote controller setting: “Factory setting 4”

ADJUSTING THE PC BOARD (CPCi-0031CE01. PC I/F Unit)

1. Setting the oscilloscope

Set the range to DC 1 V/div and 5µ/div.

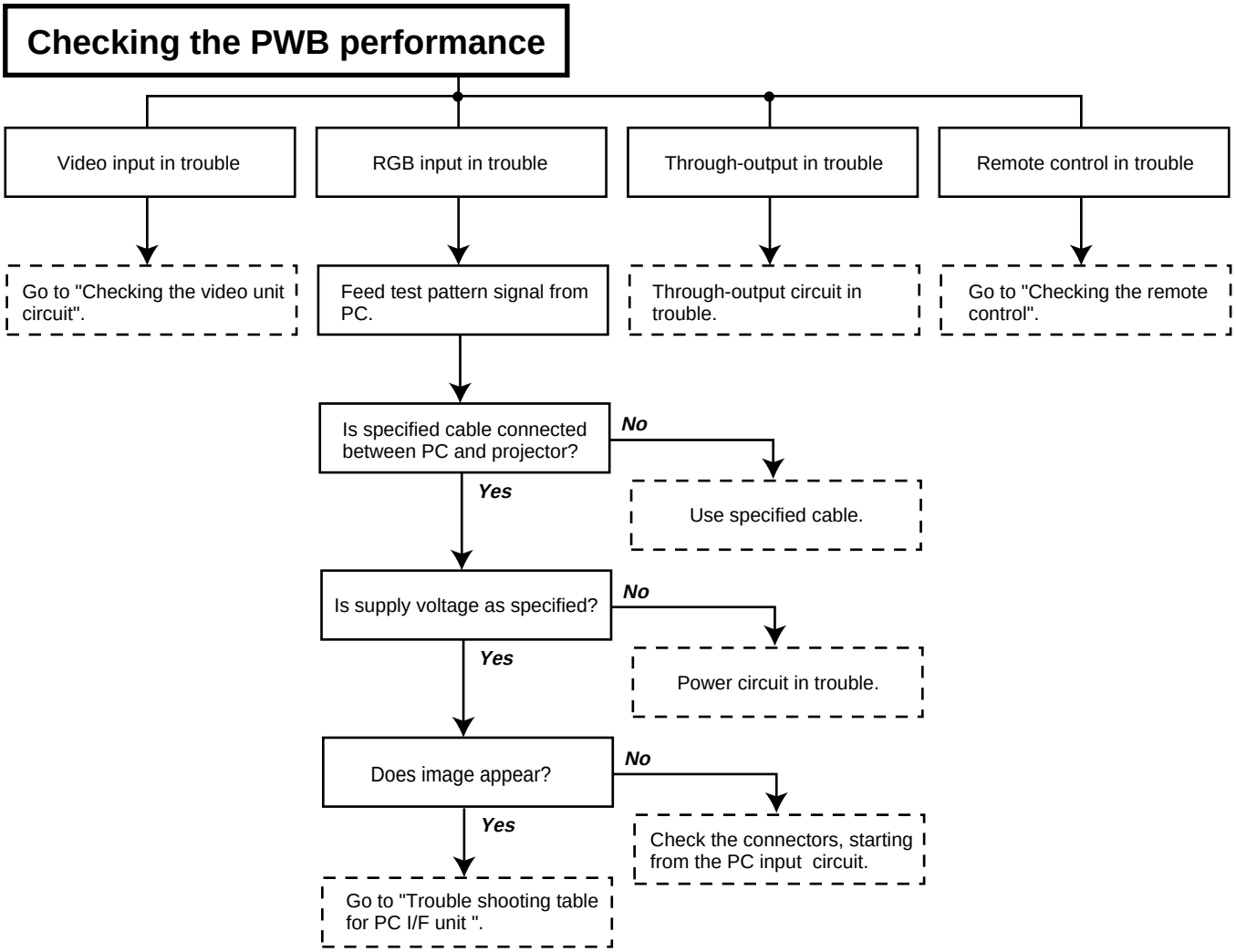
2. Connecting the PC interface

1) Connect the PC interface to the projector. Make surethe CON2 (P8404), CON3 (P8502) and CON4 (P8405)connectors are all tight in position.
2) Connect the cable between the computer’s ANALOG OUTPUTterminal and the DSUB (INPUT1 on the projector)connector.
3) Set the projector’s input selector to the RGB1position.
4) Set the signal generator to the XGA mode (1024 x 768, 60Hz, 32-tone scale). Keep the output amplitude at 700mVp-p.
5) Turn on the power.

3. Adjusting the levels and checking the tones

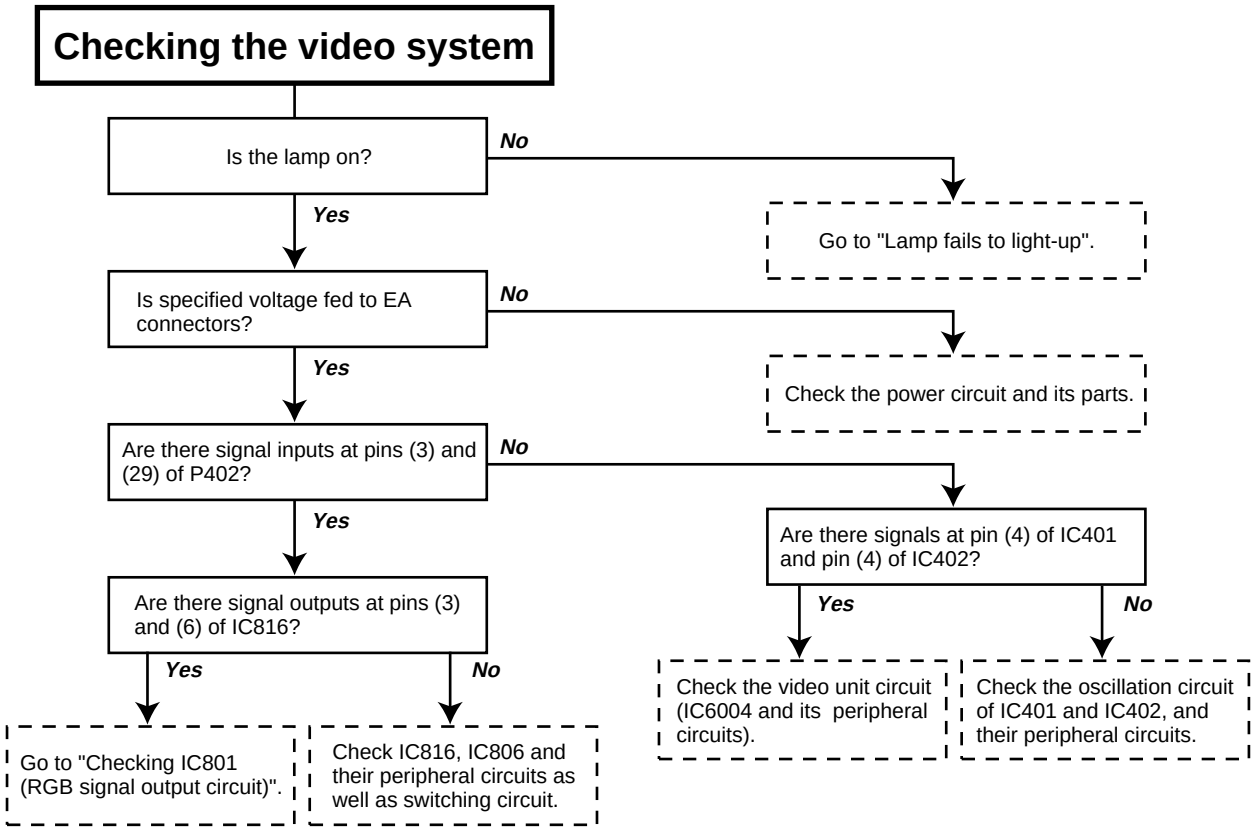
1) Press the S5001 switch to call up the process mode.
2) Enter 8 for the SH-PHASE setting on the OUTPUT3 menu.
   (Adjust to get the on-screen display characters clearand crisp.)
3) Using the BRIGHT setting on the OUTPUT1 menu, adjustthe black level at TP8002 to 1.9 V.
4) Using the ROS setting on the A/D menu, adjust thevoltage at TP8008 (or at pin (2) of IC8011) to 1.7 V.
5) Using the GOS setting on the A/D menu, adjust thevoltage at TP8009 (or at pin (2) of IC8010) to 1.7 V.
6) Using the BOS setting on the A/D menu, adjust thevoltage at TP8010 (or at pin (2) of IC8009) to 1.7 V.
7) Make sure the GAIN setting on the A/D menu is 163.
8) Using the B-D setting on the A/D menu, adjust the whitelevel at TP8001 to 3.6 V. Make sure also the tone scale(number of tones) is as specified.
9) Using the R-D setting on the A/D menu, adjust the whitelevel at TL75 to 3.6 V. Make sure also the tone scale(number of tones) is as specified.
10) Using the G-D setting on the A/D menu, adjust the whitelevel at TP8002 to 3.6 V. Make sure also the tone scale(number of tones) is as specified.
11) Finally press the S5001 switch again to quit theprocess mode.

TROUBLE SHOOTING TABLE

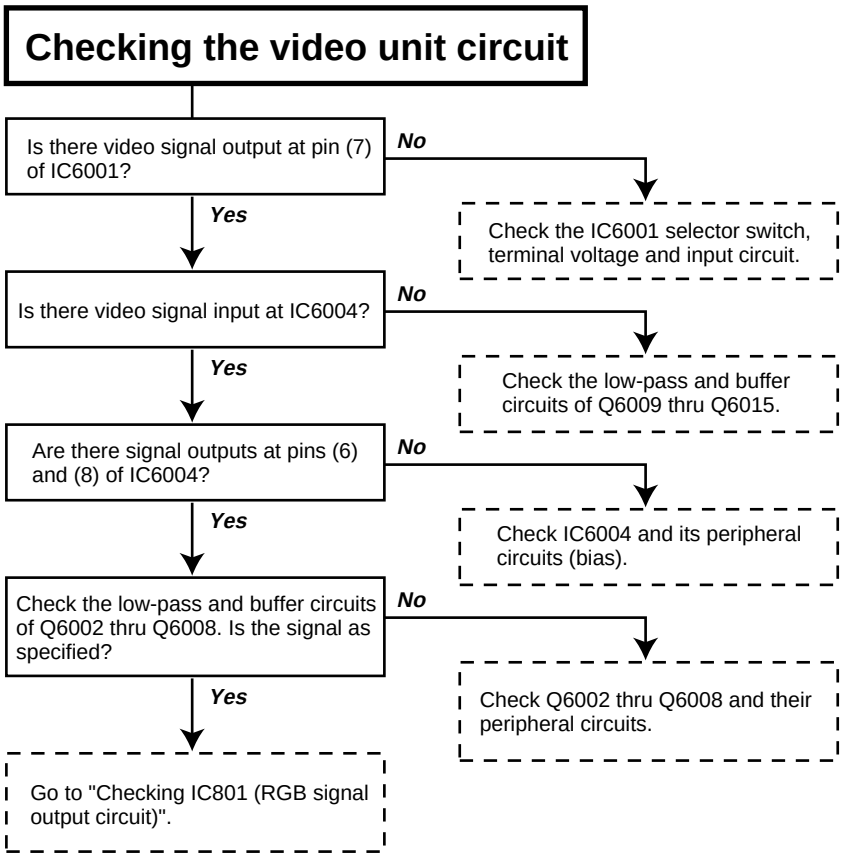

Checking the PWB performance
Video input in trouble
RGB input in trouble
Through-output in trouble
Remote control in trouble
Go to "Checking the video unit circuit".
Feed test pattern signal from PC.
Through-output circuit in trouble.
Go to "Checking the remote control".
Is specified cable connected between PC and projector?
No
Use specified cable.
Yes
Is supply voltage as specified?
No
Power circuit in trouble.
Yes
Does image appear?
No
Check the connectors, starting from the PC input circuit.
Yes
Go to "Trouble shooting table for PC I/F unit ".

TROUBLE SHOOTING TABLE (Continued)

Checking the video system

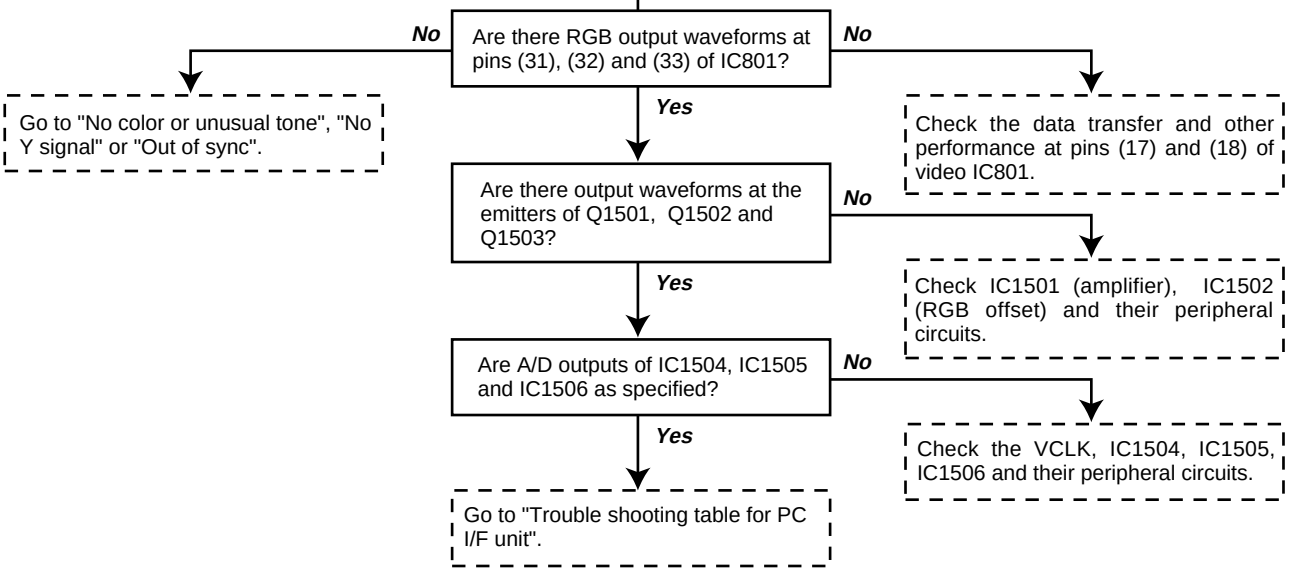

Is the lamp on?
No
Yes
Go to "Lamp fails to light-up".
Is specified voltage fed to EA connectors?
No
Yes
Check the power circuit and its parts.
Are there signal inputs at pins (3) and (29) of P402?
No
Yes
Are there signals at pin (4) of IC401 and pin (4) of IC402?
Yes
No
Are there signal outputs at pins (3) and (6) of IC816?
Yes
No
Check the video unit circuit (IC6004 and its peripheral circuits).
Check the oscillation circuit of IC401 and IC402, and their peripheral circuits.
Go to "Checking IC801 (RGB signal output circuit)".
Check IC816, IC806 and their peripheral circuits as well as switching circuit.

Checking the video unit circuit

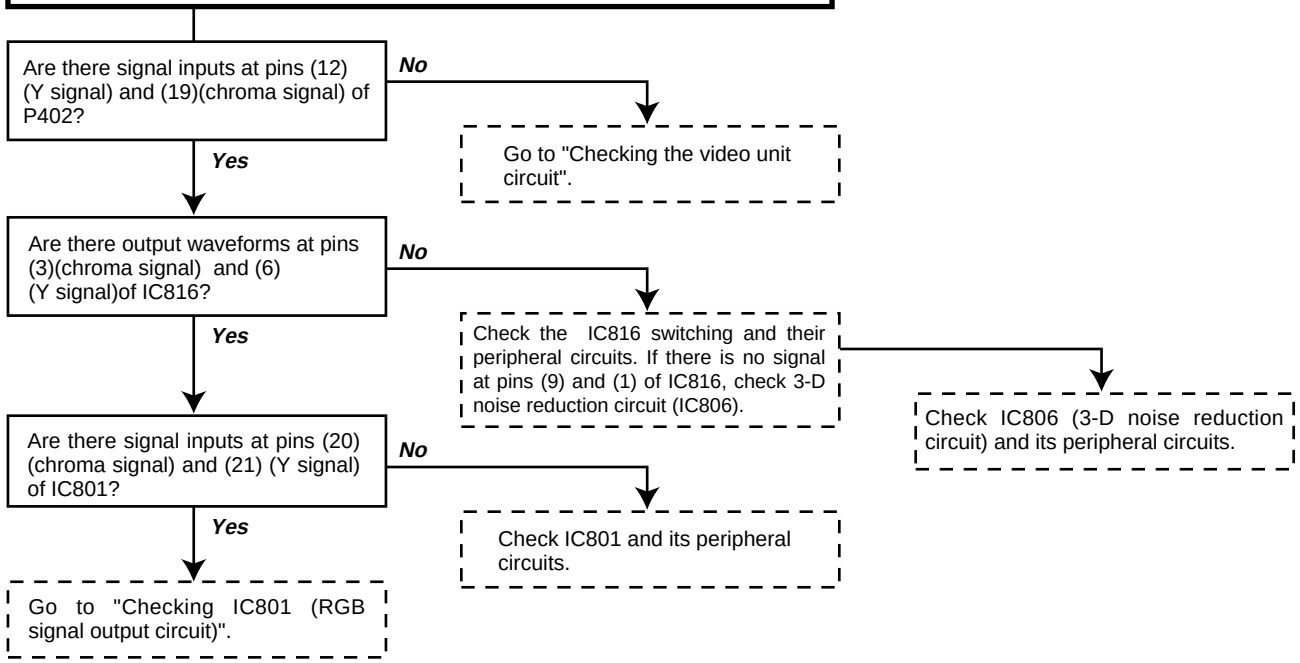

Is there video signal output at pin (7) of IC6001?
No
Yes
Check the IC6001 selector switch, terminal voltage and input circuit.
Is there video signal input at IC6004?
No
Yes
Check the low-pass and buffer circuits of Q6009 thru Q6015.
Are there signal outputs at pins (6) and (8) of IC6004?
No
Yes
Check IC6004 and its peripheral circuits (bias).
Check the low-pass and buffer circuits of Q6002 thru Q6008. Is the signal as specified?
No
Yes
Check Q6002 thru Q6008 and their peripheral circuits.
Go to "Checking IC801 (RGB signal output circuit)".

TROUBLE SHOOTING TABLE (Continued)

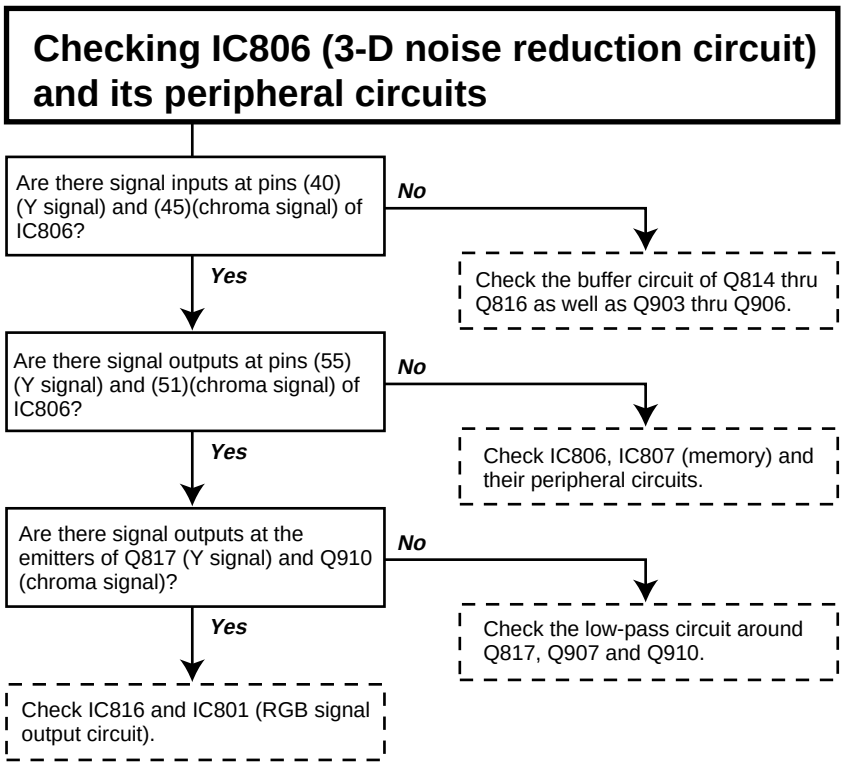
Checking IC801 (RGB signal output circuit)

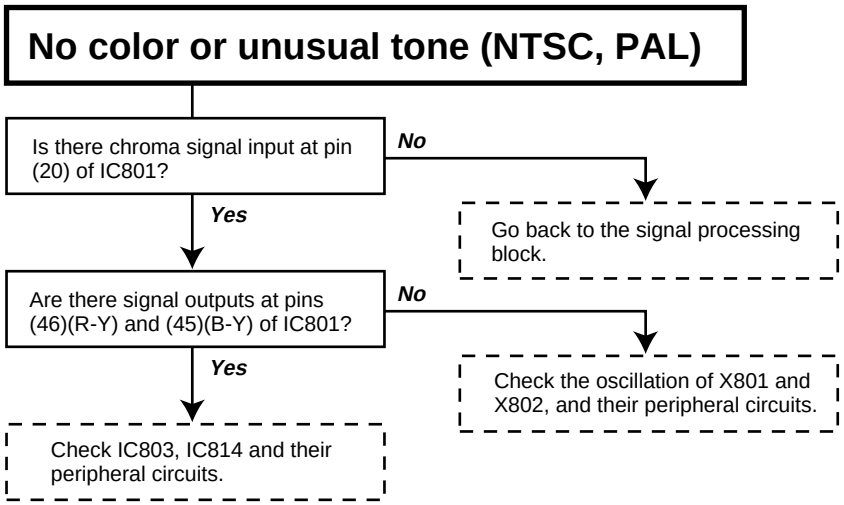

Are there RGB output waveforms at pins (31), (32) and (33) of IC801?
No
Go to "No color or unusual tone", "No Y signal" or "Out of sync".
No
Check the data transfer and other performance at pins (17) and (18) of video IC801.
Yes
Are there output waveforms at the emitters of Q1501, Q1502 and Q1503?
No
Check IC1501 (amplifier), IC1502 (RGB offset) and their peripheral circuits.
Yes
Are A/D outputs of IC1504, IC1505 and IC1506 as specified?
No
Check the VCLK, IC1504, IC1505, IC1506 and their peripheral circuits.
Yes
Go to "Trouble shooting table for PC I/F unit".

Checking the chroma and Y signals of IC801 (RGB signal output)


Are there signal inputs at pins (12) (Y signal) and (19)(chroma signal) of P402?
No
Go to "Checking the video unit circuit".
Yes
Are there output waveforms at pins (3)(chroma signal) and (6) (Y signal)of IC816?
No
Check the IC816 switching and their peripheral circuits. If there is no signal at pins (9) and (1) of IC816, check 3-D noise reduction circuit (IC806).
Check IC806 (3-D noise reduction circuit) and its peripheral circuits.
Yes
Are there signal inputs at pins (20) (chroma signal) and (21) (Y signal) of IC801?
No
Check IC801 and its peripheral circuits.
Yes
Go to "Checking IC801 (RGB signal output circuit)".

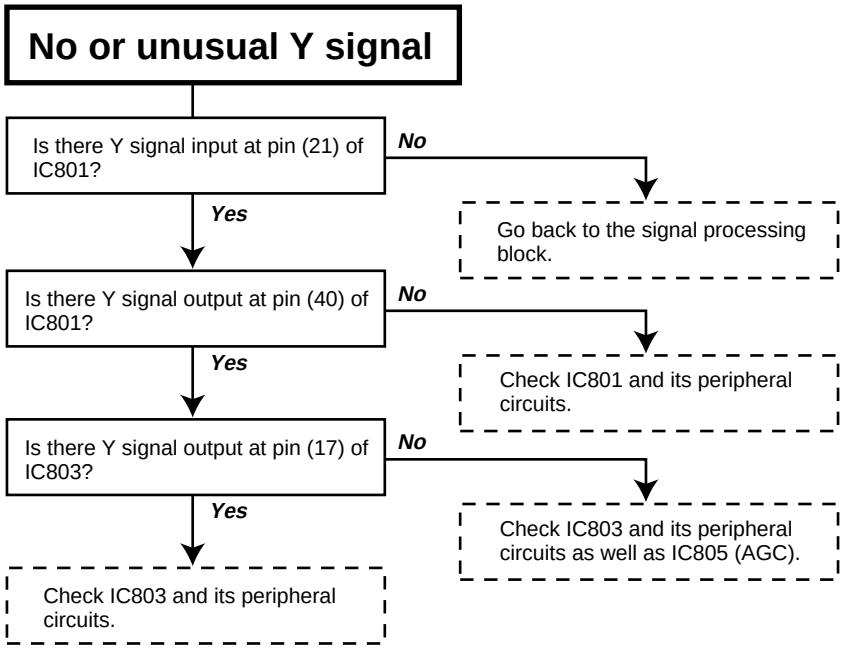
TROUBLE SHOOTING TABLE (Continued)


Checking IC806 (3-D noise reduction circuit) and its peripheral circuits
Are there signal inputs at pins (40) (Y signal) and (45)(chroma signal) of IC806?
No
Check the buffer circuit of Q814 thru Q816 as well as Q903 thru Q906.
Yes
Are there signal outputs at pins (55) (Y signal) and (51)(chroma signal) of IC806?
No
Check IC806, IC807 (memory) and their peripheral circuits.
Yes
Are there signal outputs at the emitters of Q817 (Y signal) and Q910 (chroma signal)?
No
Check the low-pass circuit around Q817, Q907 and Q910.
Yes
Check IC816 and IC801 (RGB signal output circuit).

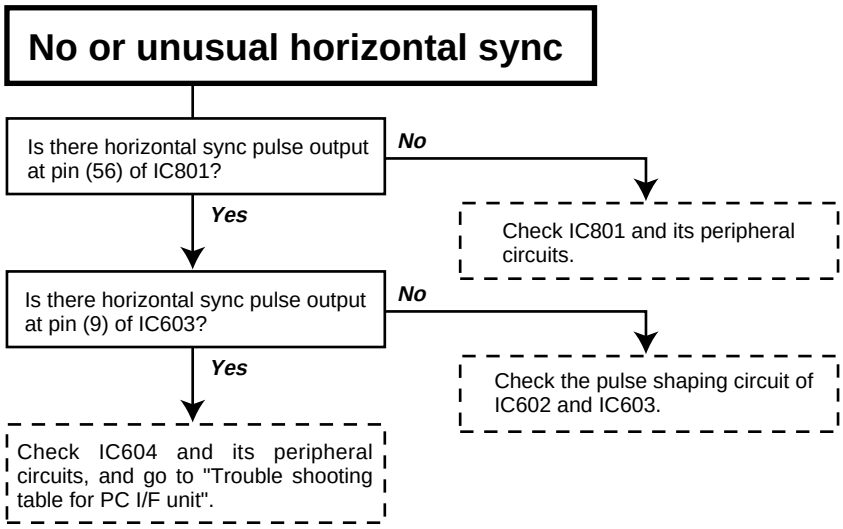

No color or unusual tone (NTSC, PAL)
Is there chroma signal input at pin (20) of IC801?
No
Go back to the signal processing block.
Yes
Are there signal outputs at pins (46)(R-Y) and (45)(B-Y) of IC801?
No
Check the oscillation of X801 and X802, and their peripheral circuits.
Yes
Check IC803, IC814 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

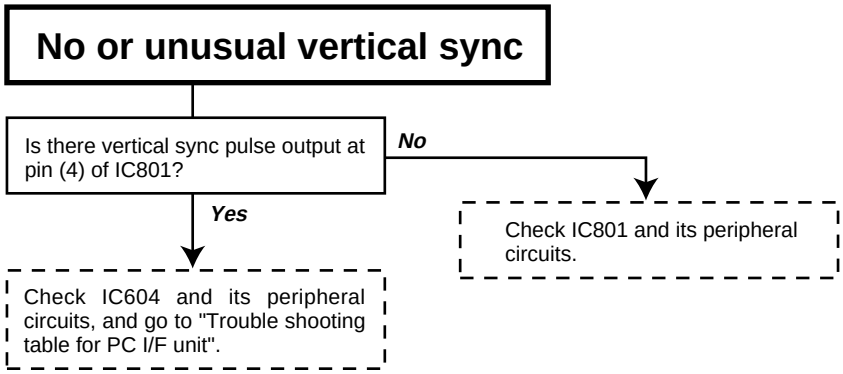
No or unusual Y signal


Is there Y signal input at pin (21) of IC801?
No
Yes
Go back to the signal processing block.
Is there Y signal output at pin (40) of IC801?
No
Yes
Check IC801 and its peripheral circuits.
Is there Y signal output at pin (17) of IC803?
No
Yes
Check IC803 and its peripheral circuits as well as IC805 (AGC).
Check IC803 and its peripheral circuits.

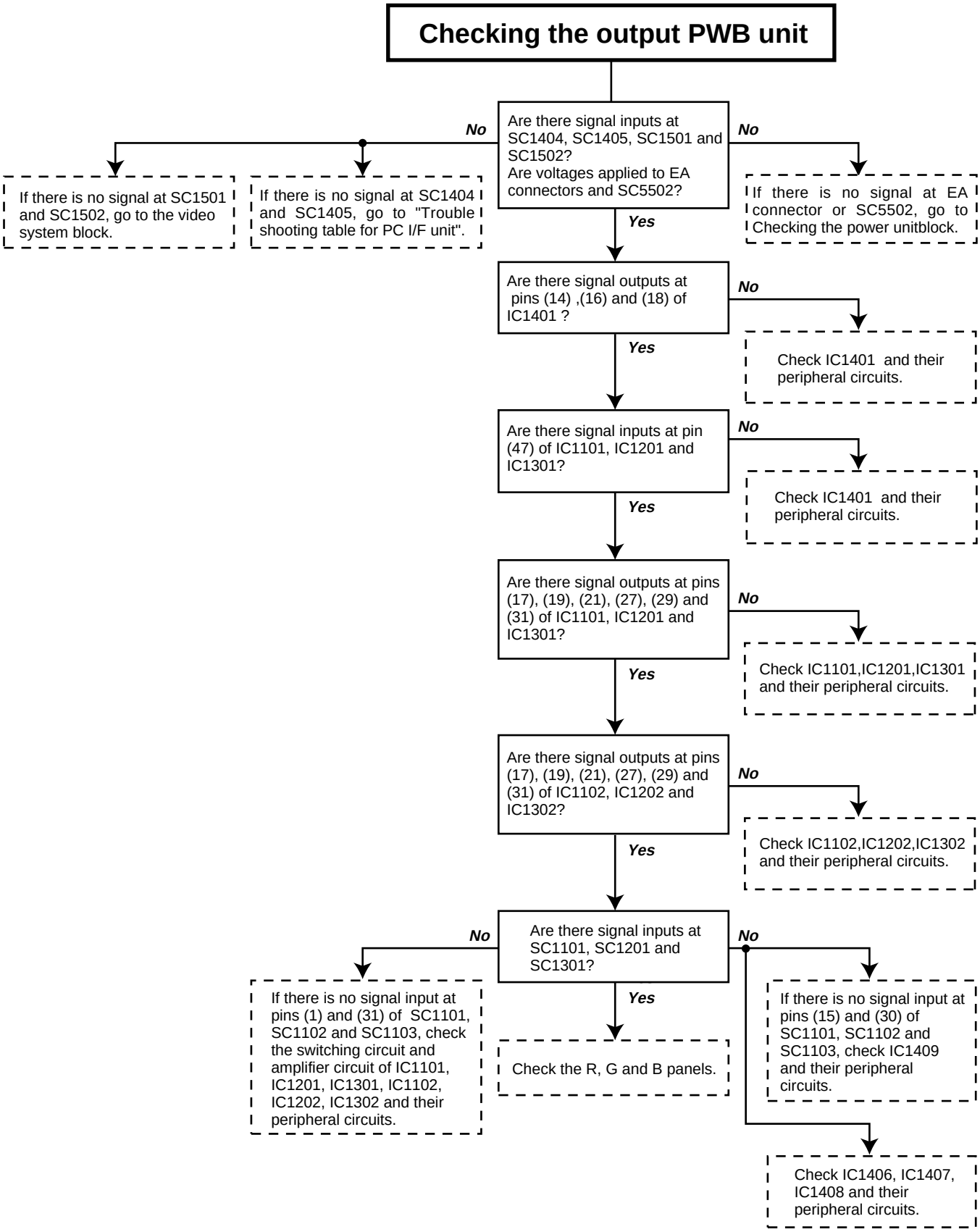
No or unusual horizontal sync


Is there horizontal sync pulse output at pin (56) of IC801?
No
Yes
Check IC801 and its peripheral circuits.
Is there horizontal sync pulse output at pin (9) of IC603?
No
Yes
Check the pulse shaping circuit of IC602 and IC603.
Check IC604 and its peripheral circuits, and go to "Trouble shooting table for PC I/F unit".

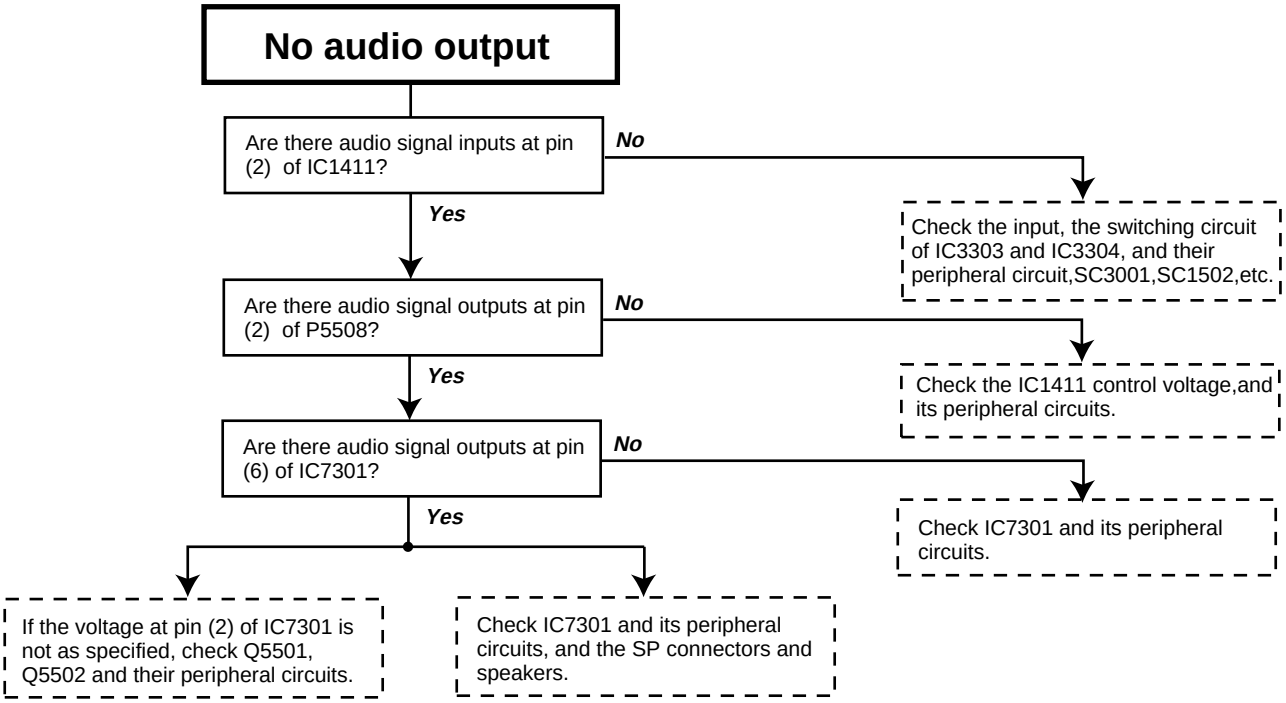
No or unusual vertical sync

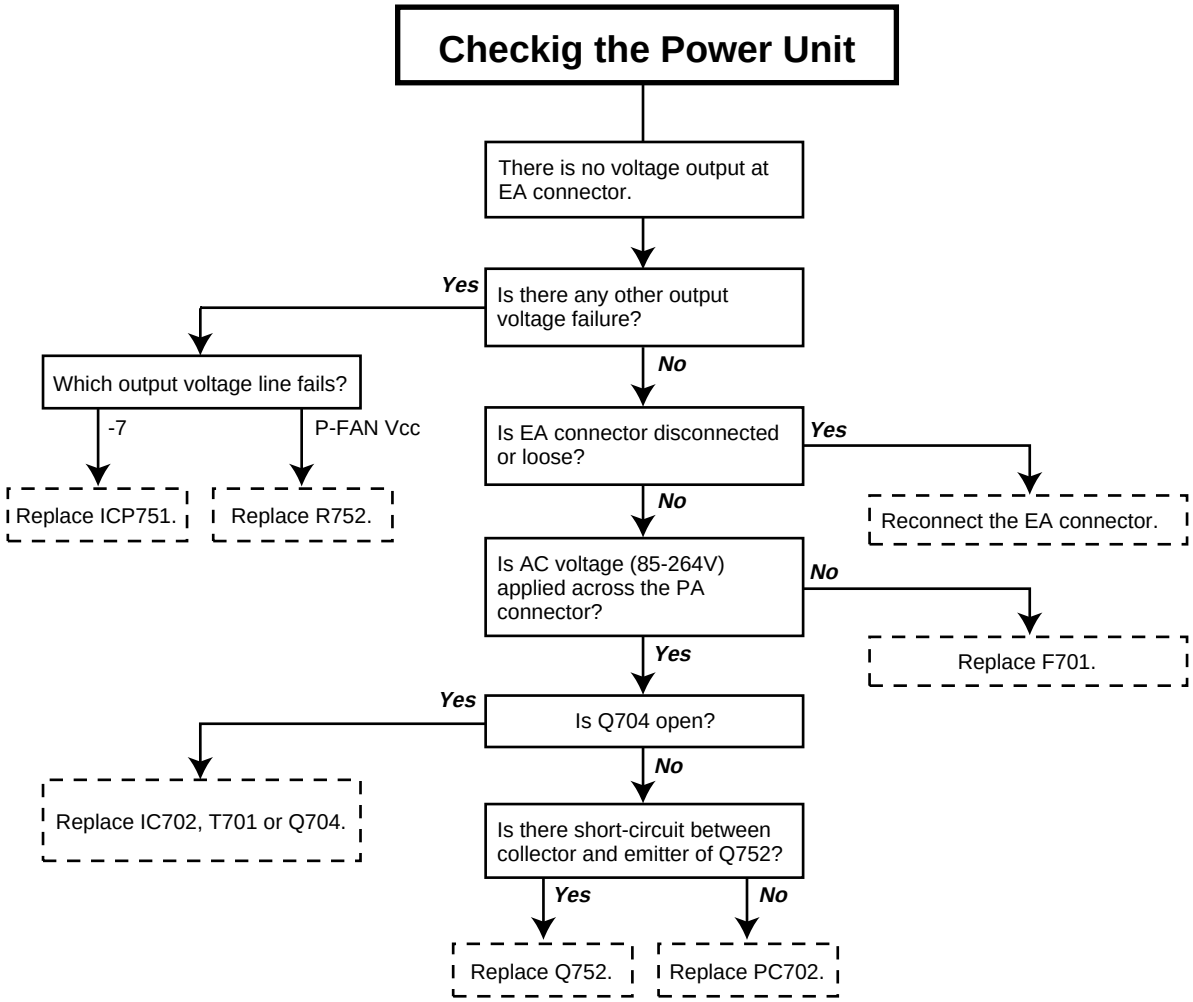

Is there vertical sync pulse output at pin (4) of IC801?
No
Yes
Check IC801 and its peripheral circuits.
Check IC604 and its peripheral circuits, and go to "Trouble shooting table for PC I/F unit".

TROUBLE SHOOTING TABLE (Continued)

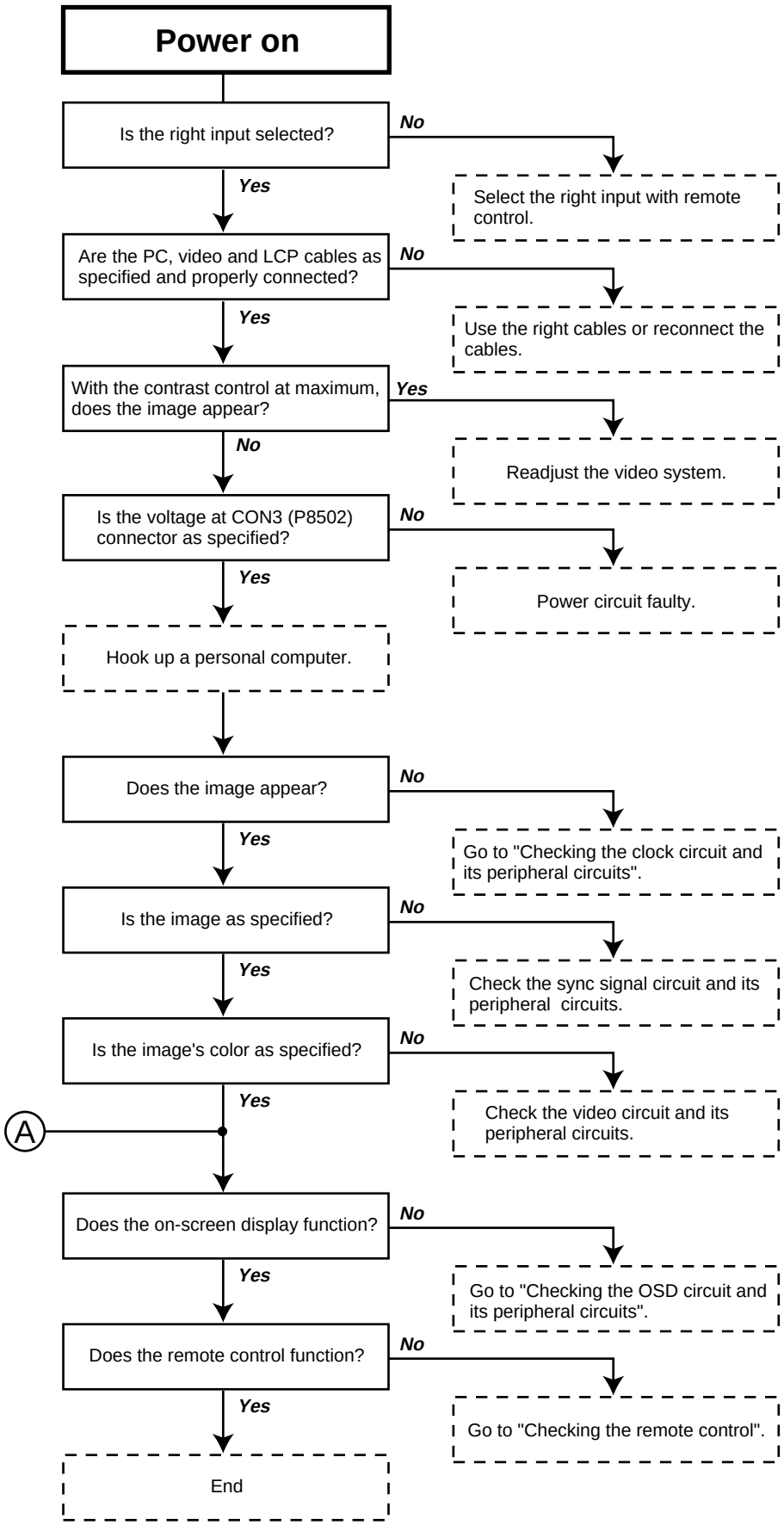

Checking the output PWB unit
Are there signal inputs at SC1404, SC1405, SC1501 and SC1502?
Are voltages applied to EA connectors and SC5502?
No
If there is no signal at SC1501 and SC1502, go to the video system block.
If there is no signal at SC1404 and SC1405, go to "Trouble shooting table for PC I/F unit".
No
If there is no signal at EA connector or SC5502, go to Checking the power unitblock.
Yes
Are there signal outputs at pins (14) ,(16) and (18) of IC1401 ?
No
Check IC1401 and their peripheral circuits.
Yes
Are there signal inputs at pin (47) of IC1101, IC1201 and IC1301?
No
Check IC1401 and their peripheral circuits.
Yes
Are there signal outputs at pins (17), (19), (21), (27), (29) and (31) of IC1101, IC1201 and IC1301?
No
Check IC1101,IC1201,IC1301 and their peripheral circuits.
Yes
Are there signal outputs at pins (17), (19), (21), (27), (29) and (31) of IC1102, IC1202 and IC1302?
No
Check IC1102,IC1202,IC1302 and their peripheral circuits.
Yes
Are there signal inputs at SC1101, SC1201 and SC1301?
No
If there is no signal input at pins (1) and (31) of SC1101, SC1102 and SC1103, check the switching circuit and amplifier circuit of IC1101, IC1201, IC1301, IC1102, IC1202, IC1302 and their peripheral circuits.
Yes
Check the R, G and B panels.
No
If there is no signal input at pins (15) and (30) of SC1101, SC1102 and SC1103, check IC1409 and their peripheral circuits.
Check IC1406, IC1407, IC1408 and their peripheral circuits.

TROUBLE SHOOTING TABLE (Continued)

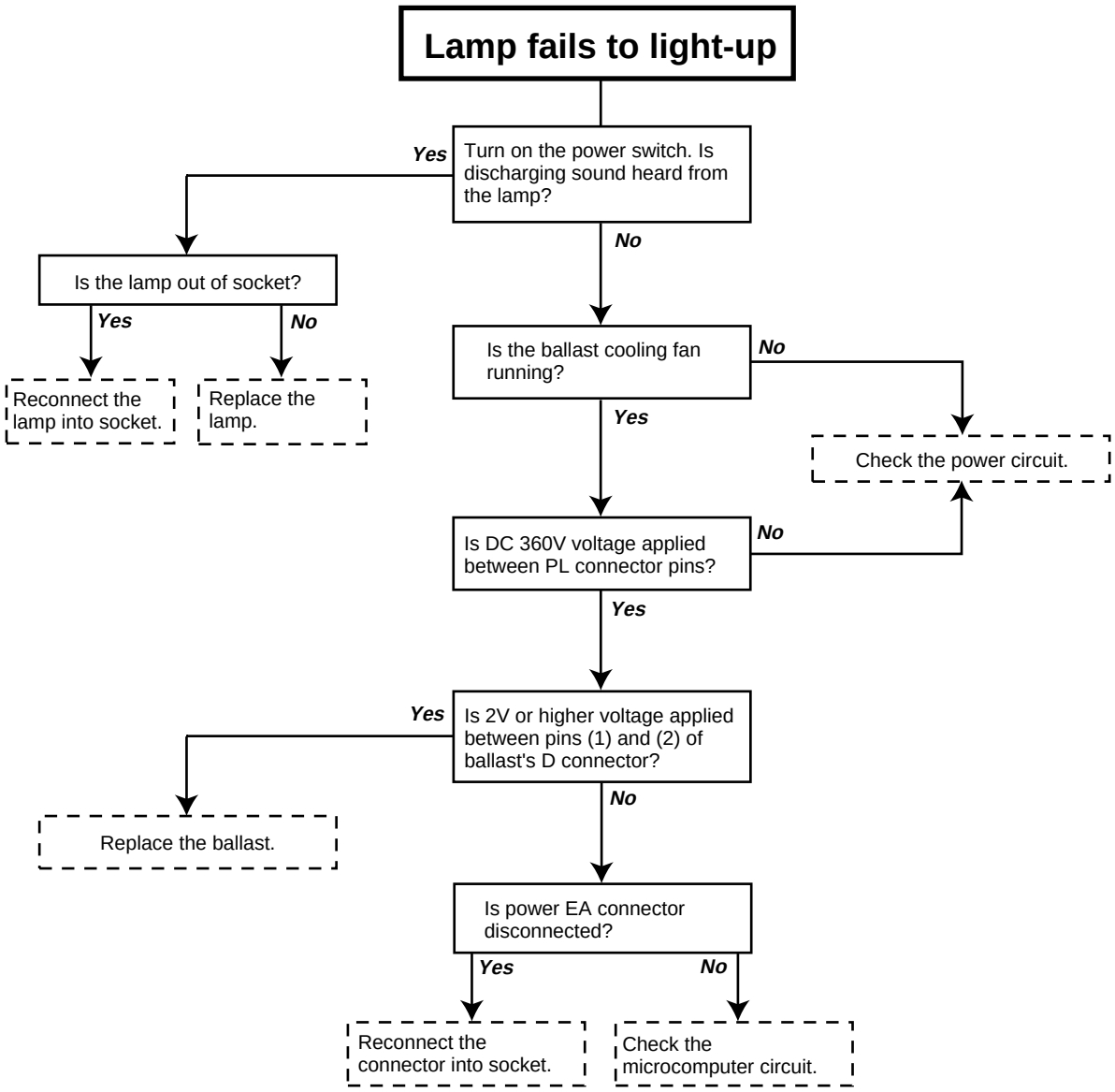

No audio output
Are there audio signal inputs at pin (2) of IC1411?
No
Yes
Check the input, the switching circuit of IC3303 and IC3304, and their peripheral circuit,SC3001,SC1502,etc.
Are there audio signal outputs at pin (2) of P5508?
No
Yes
Check the IC1411 control voltage,and its peripheral circuits.
Are there audio signal outputs at pin (6) of IC7301?
No
Yes
Check IC7301 and its peripheral circuits.
If the voltage at pin (2) of IC7301 is not as specified, check Q5501, Q5502 and their peripheral circuits.
Check IC7301 and its peripheral circuits, and the SP connectors and speakers.



TROUBLE SHOOTING TABLE (Continued)

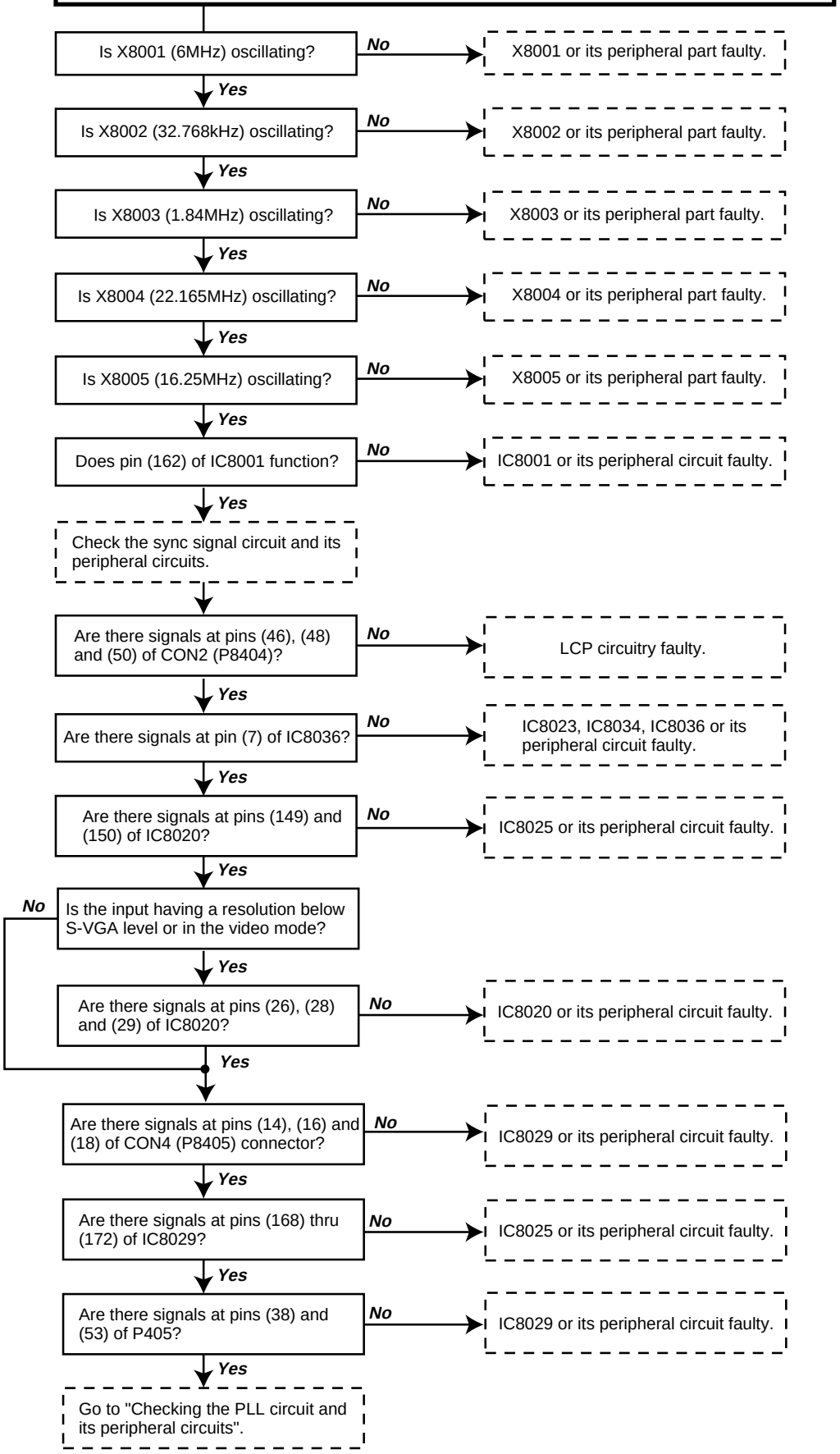


TROUBLE SHOOTING TABLE (Continued)

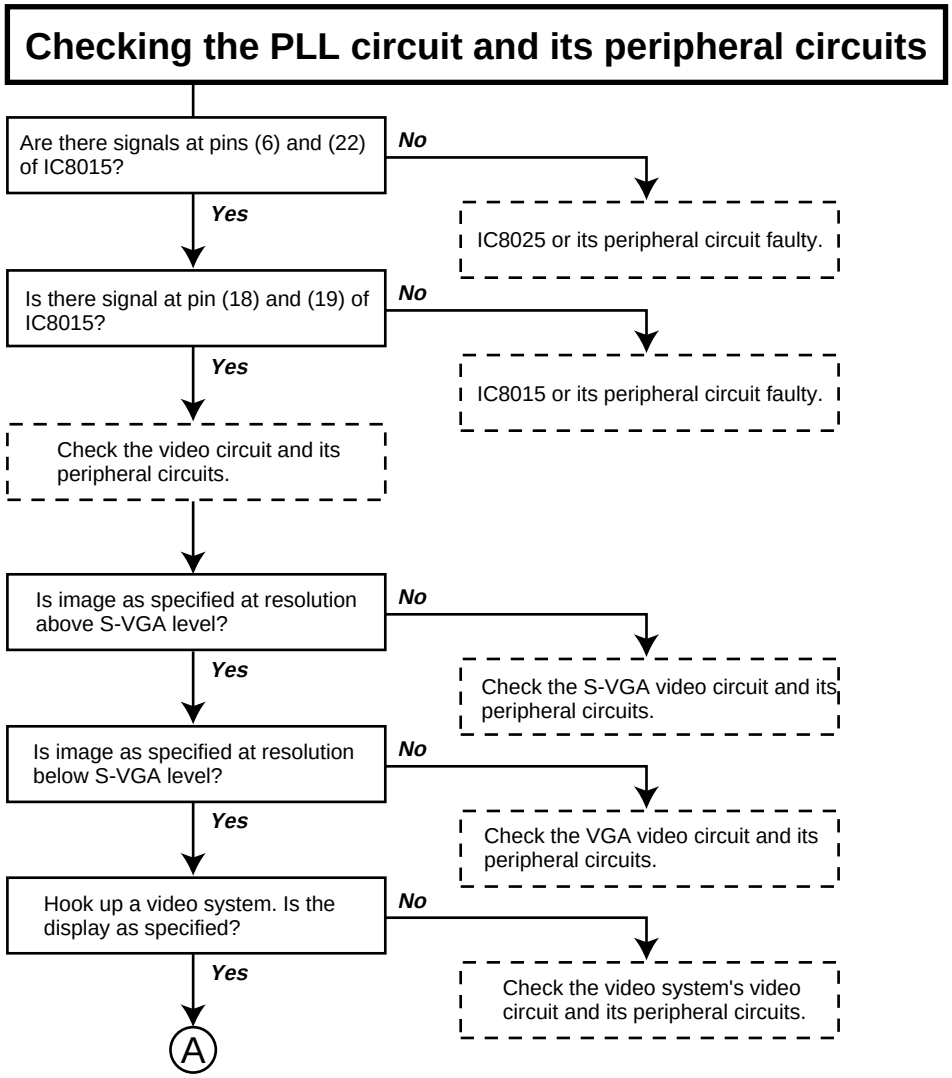


TROUBLE SHOOTING TABLE FOR PC I/F UNIT-1

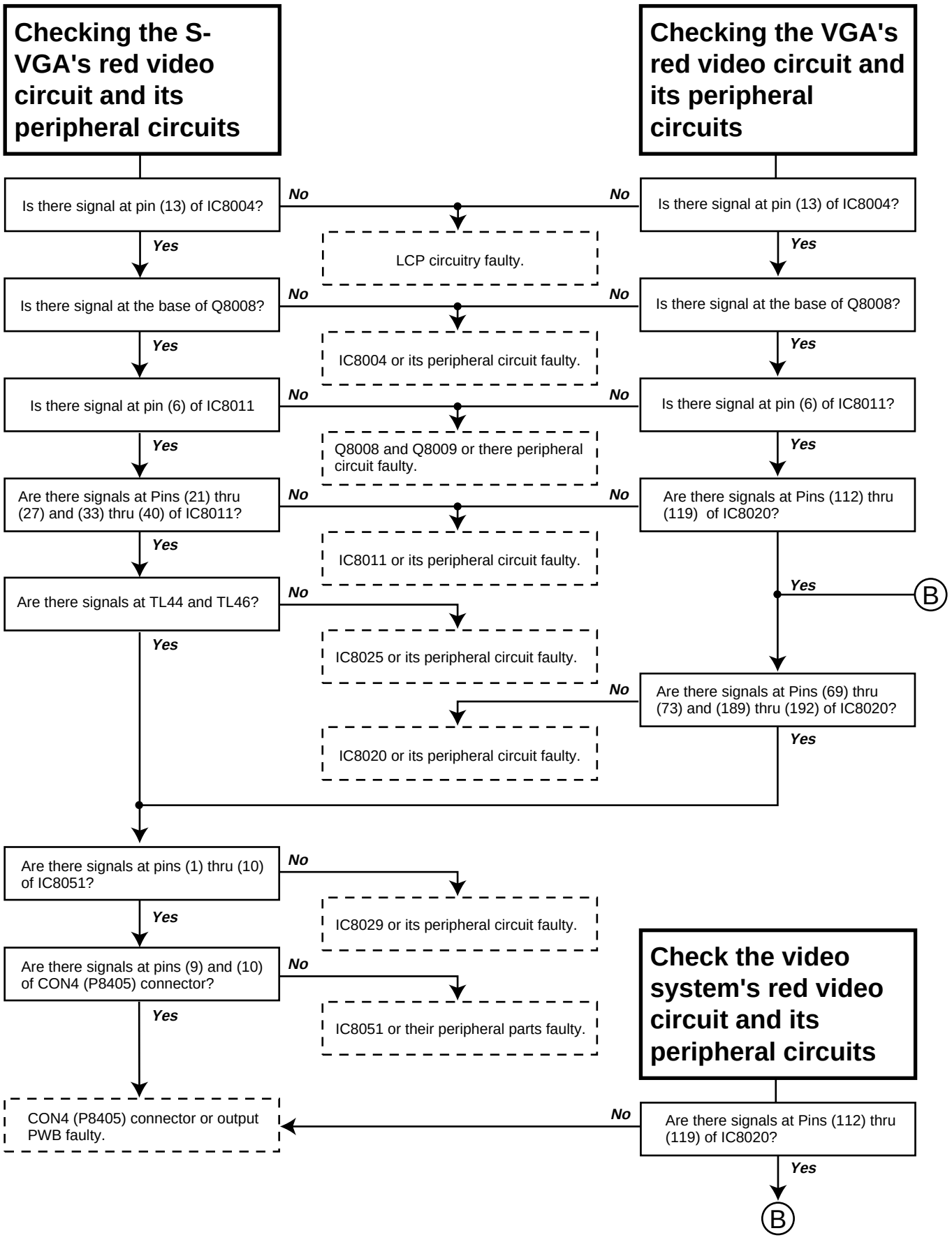
Checking the clock circuit and its peripheral circuits


Is X8001 (6MHz) oscillating?
No
X8001 or its peripheral part faulty.
Yes
Is X8002 (32.768kHz) oscillating?
No
X8002 or its peripheral part faulty.
Yes
Is X8003 (1.84MHz) oscillating?
No
X8003 or its peripheral part faulty.
Yes
Is X8004 (22.165MHz) oscillating?
No
X8004 or its peripheral part faulty.
Yes
Is X8005 (16.25MHz) oscillating?
No
X8005 or its peripheral part faulty.
Yes
Does pin (162) of IC8001 function?
No
IC8001 or its peripheral circuit faulty.
Yes
Check the sync signal circuit and its peripheral circuits.
Are there signals at pins (46), (48) and (50) of CON2 (P8404)?
No
LCP circuitry faulty.
Yes
Are there signals at pin (7) of IC8036?
No
IC8023, IC8034, IC8036 or its peripheral circuit faulty.
Yes
Are there signals at pins (149) and (150) of IC8020?
No
IC8025 or its peripheral circuit faulty.
Yes
No
Is the input having a resolution below S-VGA level or in the video mode?
Yes
Are there signals at pins (26), (28) and (29) of IC8020?
No
IC8020 or its peripheral circuit faulty.
Yes
Are there signals at pins (14), (16) and (18) of CON4 (P8405) connector?
No
IC8029 or its peripheral circuit faulty.
Yes
Are there signals at pins (168) thru (172) of IC8029?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (38) and (53) of P405?
No
IC8029 or its peripheral circuit faulty.
Yes
Go to "Checking the PLL circuit and its peripheral circuits".

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-2


Checking the PLL circuit and its peripheral circuits
Are there signals at pins (6) and (22) of IC8015?
No
IC8025 or its peripheral circuit faulty.
Yes
Is there signal at pin (18) and (19) of IC8015?
No
IC8015 or its peripheral circuit faulty.
Yes
Check the video circuit and its peripheral circuits.
Is image as specified at resolution above S-VGA level?
No
Check the S-VGA video circuit and its peripheral circuits.
Yes
Is image as specified at resolution below S-VGA level?
No
Check the VGA video circuit and its peripheral circuits.
Yes
Hook up a video system. Is the display as specified?
No
Check the video system's video circuit and its peripheral circuits.
Yes
A

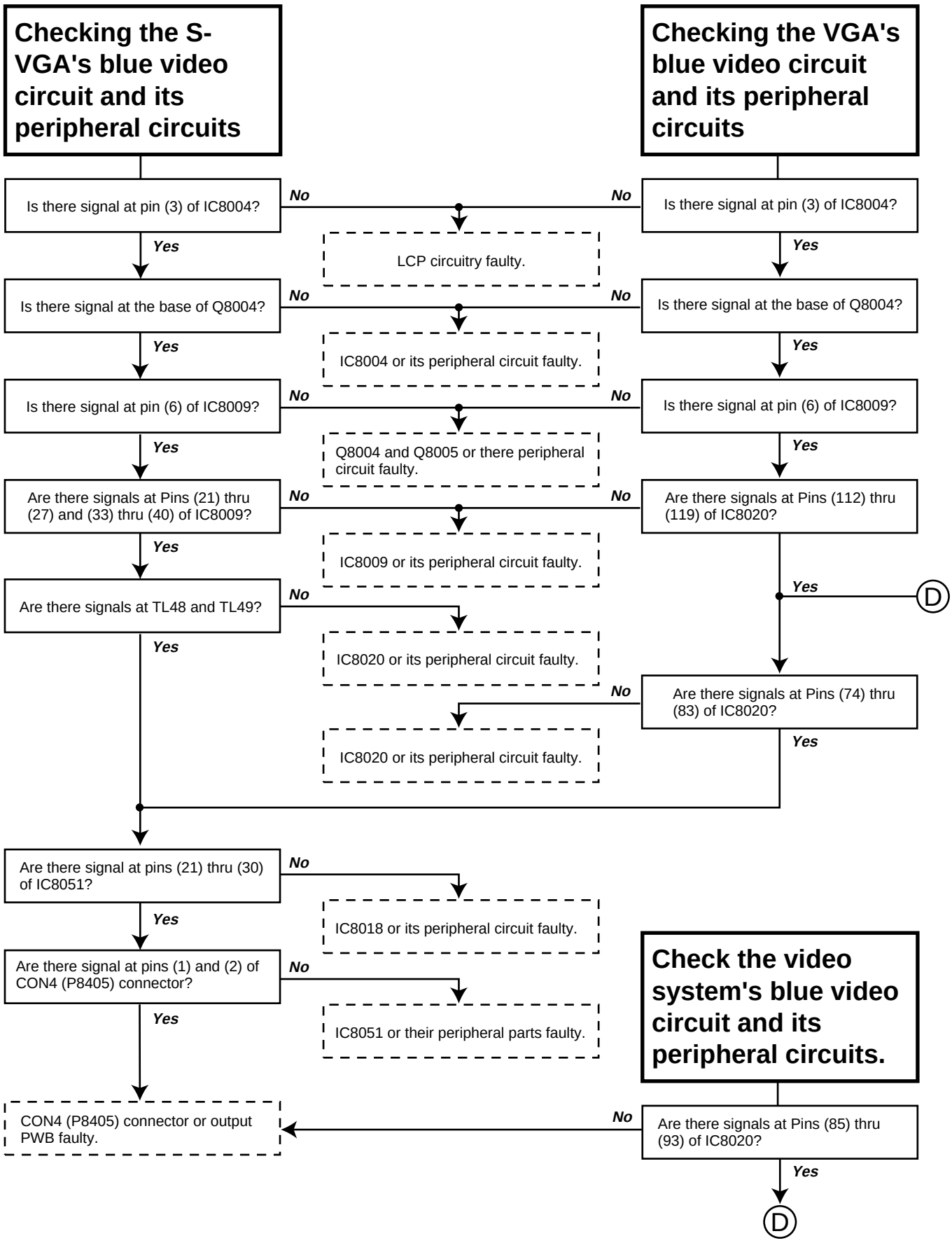
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-3


Checking the S-VGA's red video circuit and its peripheral circuits
Is there signal at pin (13) of IC8004?
No
Yes
LCP circuitry faulty.
Is there signal at the base of Q8008?
No
Yes
IC8004 or its peripheral circuit faulty.
Is there signal at pin (6) of IC8011
No
Yes
Q8008 and Q8009 or there peripheral circuit faulty.
Are there signals at Pins (21) thru (27) and (33) thru (40) of IC8011?
No
Yes
IC8011 or its peripheral circuit faulty.
Are there signals at TL44 and TL46?
No
Yes
IC8025 or its peripheral circuit faulty.
Are there signals at pins (1) thru (10) of IC8051?
No
Yes
IC8029 or its peripheral circuit faulty.
Are there signals at pins (9) and (10) of CON4 (P8405) connector?
No
Yes
IC8051 or their peripheral parts faulty.
CON4 (P8405) connector or output PWB faulty.
Checking the VGA's red video circuit and its peripheral circuits
Is there signal at pin (13) of IC8004?
No
Yes
Is there signal at the base of Q8008?
No
Yes
Is there signal at pin (6) of IC8011?
No
Yes
Are there signals at Pins (112) thru (119) of IC8020?
No
Yes
B
Are there signals at Pins (69) thru (73) and (189) thru (192) of IC8020?
No
Yes
IC8020 or its peripheral circuit faulty.
Check the video system's red video circuit and its peripheral circuits
Are there signals at Pins (112) thru (119) of IC8020?
No
Yes
B

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-4

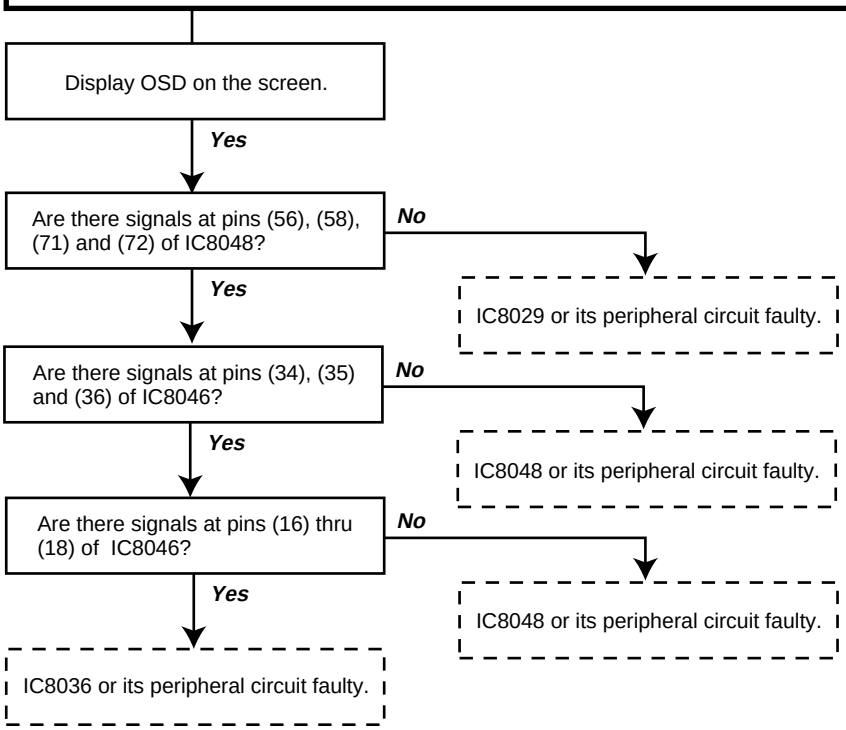
Checking the S-VGA's green video circuit and its peripheral circuits
Is there signal at pin (8) of IC8004?
No
LCP circuitry faulty.
Yes
Is there signal at the base of Q8006?
No
IC8004 or its peripheral circuit faulty.
Yes
Is there signal at pin (6) of IC8010?
No
Q8006 and Q8007 or there peripheral circuit faulty.
Yes
Are there signals at Pins (21) thru (27) and (33) thru (40) of IC8010?
No
IC8010 or its peripheral circuit faulty.
Yes
Are there signals at TL45 and TL47?
No
IC8025 or its peripheral circuit faulty.
Yes
Are there signals at pins (11) thru (20) of IC8051?
No
IC 8029 or its perpheral parts faulty.
Yes
Are there signals at pins (5) and (6) of CON4 (P8405) connector?
No
IC8051 or its peripheral parts faulty.
Yes
CON4 (P8405) connector or output PWB faulty.
Checking the VGA's green video circuit and its peripheral circuits
Is there signal at pin (8) of IC8004?
No
Yes
Is there signal at the base of Q8006?
No
Yes
Is there signal at pin (6) of IC8010?
No
Yes
Are there signals at Pins (112) thru (119) of IC8020?
No
Yes
C
Are there signals at Pins (179) thru (187) of IC8020?
No
IC8020 or its peripheral circuit faulty.
Yes
Check the video system's green video circuit and its peripheral circuits
Are there signals at Pins (185) thru (177) of IC8020?
No
Yes
C

TROUBLE SHOOTING TABLE FOR PC I/F UNIT-5

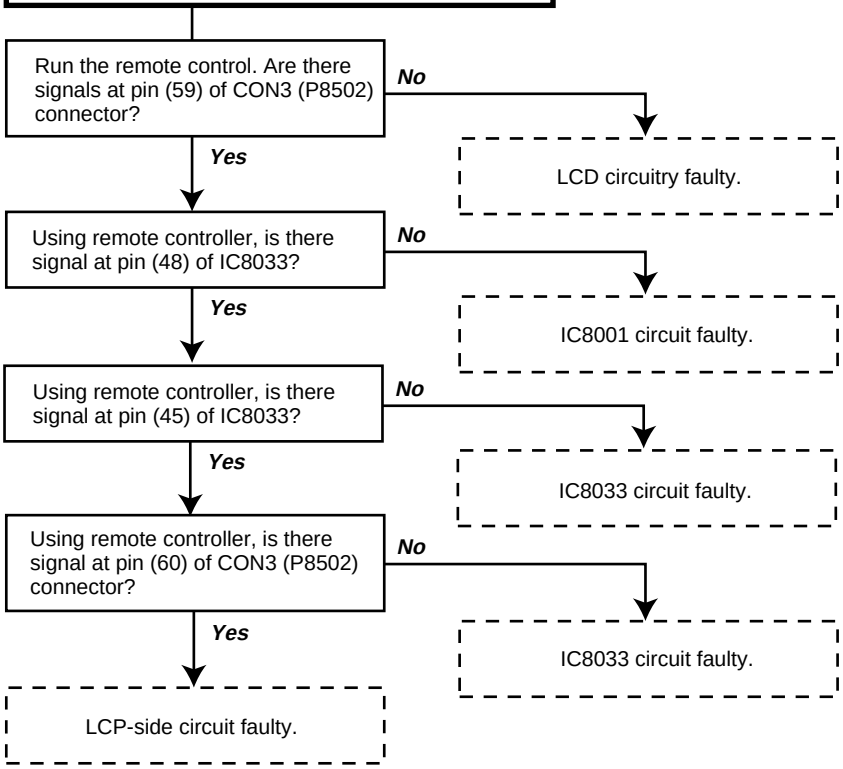

Checking the S-VGA's blue video circuit and its peripheral circuits
Is there signal at pin (3) of IC8004?
No
LCP circuitry faulty.
Yes
Is there signal at the base of Q8004?
No
IC8004 or its peripheral circuit faulty.
Yes
Is there signal at pin (6) of IC8009?
No
Q8004 and Q8005 or there peripheral circuit faulty.
Yes
Are there signals at Pins (21) thru (27) and (33) thru (40) of IC8009?
No
IC8009 or its peripheral circuit faulty.
Yes
Are there signals at TL48 and TL49?
No
IC8020 or its peripheral circuit faulty.
Yes
Are there signal at pins (21) thru (30) of IC8051?
No
IC8018 or its peripheral circuit faulty.
Yes
Are there signal at pins (1) and (2) of CON4 (P8405) connector?
No
IC8051 or their peripheral parts faulty.
Yes
CON4 (P8405) connector or output PWB faulty.
Checking the VGA's blue video circuit and its peripheral circuits
Is there signal at pin (3) of IC8004?
No
Yes
Is there signal at the base of Q8004?
No
Yes
Is there signal at pin (6) of IC8009?
No
Yes
Are there signals at Pins (112) thru (119) of IC8020?
No
Yes
D
Are there signals at Pins (74) thru (83) of IC8020?
No
IC8020 or its peripheral circuit faulty.
Yes
Check the video system's blue video circuit and its peripheral circuits.
Are there signals at Pins (85) thru (93) of IC8020?
No
Yes
D

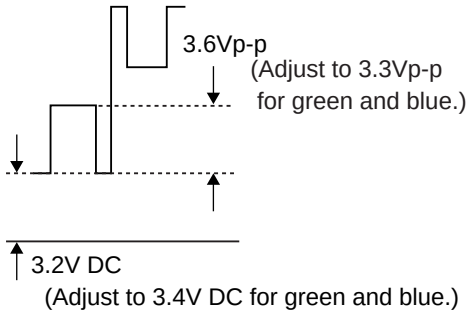
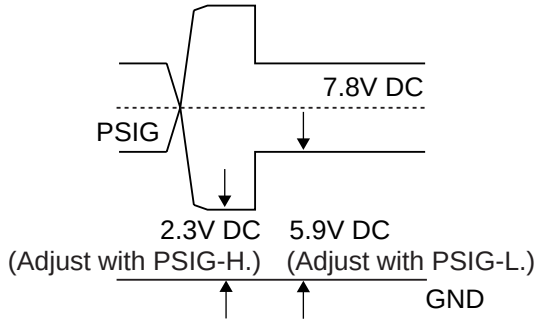
TROUBLE SHOOTING TABLE FOR PC I/F UNIT-6

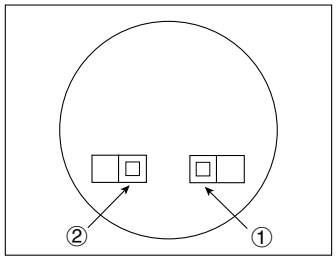
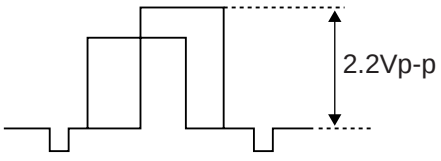
Checking the OSD circuit and its peripheral circuits

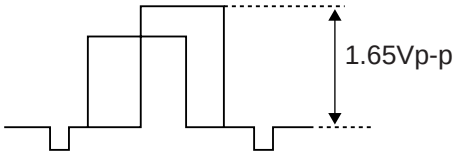
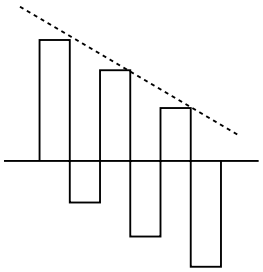
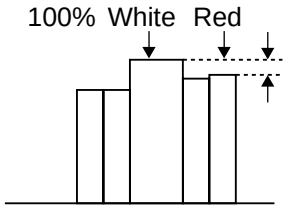

Display OSD on the screen.
Yes
Are there signals at pins (56), (58), (71) and (72) of IC8048?
No
IC8029 or its peripheral circuit faulty.
Yes
Are there signals at pins (34), (35) and (36) of IC8046?
No
IC8048 or its peripheral circuit faulty.
Yes
Are there signals at pins (16) thru (18) of IC8046?
No
IC8048 or its peripheral circuit faulty.
Yes
IC8036 or its peripheral circuit faulty.

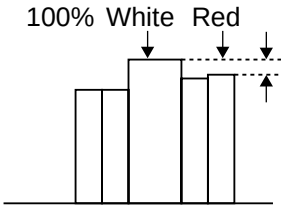
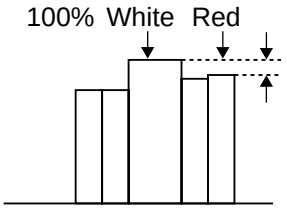
Checking the remote control


Run the remote control. Are there signals at pin (59) of CON3 (P8502) connector?
No
LCD circuitry faulty.
Yes
Using remote controller, is there signal at pin (48) of IC8033?
No
IC8001 circuit faulty.
Yes
Using remote controller, is there signal at pin (45) of IC8033?
No
IC8033 circuit faulty.
Yes
Using remote controller, is there signal at pin (60) of CON3 (P8502) connector?
No
IC8033 circuit faulty.
Yes
LCP-side circuit faulty.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
7	**RGB 1 system black level signal amplitude (odd-numbered)**	1. Make the following choice: Group : OUTPUT 1 Subject : R1-BLK R1-GAIN For green, choose the subjects G1-BLK and G1-GAIN. For blue, choose the subjects B1-BLK and B1-GAIN. 2. Connect the oscilloscope to TP1101 for red. TP1201 for green TP1301 for blue	● Choose the subject R1-GAIN and adjust the signal amplitude to 3.6 ±0.1 Vp-p using the control switches or the remote controller buttons. ● Next,choose the subject R-BLK and adjust the black peak level to 3.2 ±0.1V DC.  ● Adjust the signal's amplitude and maximum black level to 3.3 ± 0.1Vp-p and 3.4 ± 0.1V DC, respectively, for green and blue.
8	**P SIGNAL**	1. Connect the oscilloscope to TP1102 for red. TP1202 for green TP1302 for blue. 2. Make the following choice: Group : OUTPUT 2 Subject : PSIG-H : PSIG-L	● Adjust the PSIG waveform to the one shown below.  ● For the green and blue colors, make sure theirwaveforms are similar to that of the red color.
9	**Sample-and-hold pulse phase** **RCK-PHASE** **GCK-PHASE** **BCK-PHASE**	1. Feed the XGA mode 75-Hz black signal. 2. Make the following choice: Group : OUTPUT 3 Subject : SH-PHASE (Have the standard level at 8.) Fix the RCK-, GCK- and BCK-PHASE settings all to 8.	● Using the control switches or the remote controller buttons, make sure that the “OUTPUT 3” characters are not blurry and there is no ghost image. If such blur or ghost occurs, finely adjust the setting in the range of 7~9.

No.	Adjusting point	Adjusting conditions	Adjusting procedure
10	**RGB counter-voltage adjustment**	1. Feed the black-and-red (25%) stripe signal (XGA). 2. Make the following choice: Group : OUTPUT 3 Subject : RC (R)	● Using the control switches or the remote controller buttons, adjust the data in order to minimize the flicker. ● Make the same adjustment for BC (B) and GC (G). ● See if the image is equally adjusted at the center and both sides of the screen. If not, readjust the setting to have the image equal at right and left.
11	**RGB gradation regeneration adjustment**	1. Feed the green-only SMPTE pattern signal. Group : OUTPUT 1 Subject : G1-BLK	● Adjust the G-GAIN data until the gradation of the portion ① (95% and 100% white) shown below can be slightly recognized. Make sure also that the gradation of the portion ② (0% and 5% black) is visible. 
12	**RGB white balance**	1. Feed the 32-step gray scale signal (XGA). Group : OUTPUT 1 Subject : R1-BLK (R) B1-BLK (B)	● Choose the subjects R1-BLK and B1-BLK and adjust the black balance of the gradation.
13	**Horizontal center**	1. Feed the NTSC mono-scope pattern signal. 2. Group : VIDEO 2 Subject : N358-DLY (4) N443-DLY (0) PAL-DLY (0) SECAM-DLY (0) Make sure the settings are as above. 3. Group : VIDEO 1 Subject : NTSC-H	● Using the control switches or the remote controller buttons, adjust the data to have the same overscan.
14	**Video picture adjustment**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : PICTURE 2. Connect the oscilloscope between pin (2) of P801 and GND.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 2.2 ±0.02 Vp-p. 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
15	**Video AGC**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : AGC 2. Connect the oscilloscope between pin (2) of P801 and GND.	● Using the control switches or the remote controller buttons, adjust the black-to-white (100%) level difference to 1.65 ±0.02 Vp-p. 
16	**Video brightness adjustment**	1. Feed the baseband (split color bar) signal. (The ON-AIR signal is not accepted because of its too much noise.) Group : VIDEO 1 Subject : BRIGHT 2. Press the control switch or the remote control's mute button (to set the gamma correction to the process setting).	● Using the control switches or the remote controller buttons, adjust the setting until the black signal becomes bit-less and set to -2 point of value.
17	**Tint**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : TINT 2. Connect the oscilloscope to pin (4) of P801.	● Using the control switches or the remote controller buttons, adjust the data to have the -(B-Y) waveform downhill straight. 
18	**NTSC color saturation level**	1. Feed the split color bar signal. Group : VIDEO 1 Subject : N-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.15 ±0.02 Vp-p. (same as 100% white) 

No.	Adjusting point	Adjusting conditions	Adjusting procedure
19	**PAL color saturation level**	1. Feed the PAL color bar signal. Group : VIDEO 1 Subject : P-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the difference between the 100% white portion and the red portion to 0.36 ±0.02 Vp-p. 
20	**SECAM color saturation level**	1. Feed the SECAM color bar signal. Group : VIDEO 1 Subject : S-COLOR 2. Connect the oscilloscope to pin (1) of P801.	● Using the control switches or the remote controller buttons, adjust the data to have a level difference of 0.50 ±0.02 Vp-p between the 100% white portion and the red portion. 
21	**Video white balance**	1. Feed the NTSC monoscope pattern signal Group : VIDEO 2 Subject : R1-GAIN B1-GAIN	● Using the control switches or the remote controller buttons, adjust so that the entire screen looks evenly colorless.
22	**Color irregularity correction position**	1. Feed the gray-only RGB color signal. 2. Find the color irregularity position on the screen. 3. Group : NOKO Subject : NOKO-RL 4. Group : NOKO Subject : NOKO-LH	● If the color is irregular, adjust the NOKO-RL data. Set it to R for the right-hand color irregularity and to L for the left-hand one. ● When there is no color irregularity, turn off the saw-tooth waveform correction on the NOKO-LH data.
23	**Color irregularity correction gain (in case of colorirregularity)**	1. Feed the gray-only RGB color signal.	● Adjust R4215 to minimize the right-hand and left-hand color irregularity.
24	**Color system performance check**	1. Receive the color bar signal.	● In the process mode and select L1. Check the color and tint.
25	**Video system performance check**	1. Receive the monoscope pattern signal.	● In the process mode and select L2. Check the picture, brightness and sharpness.
26	**Audio system performance check**		● In the process mode nad select L3. Check the bass, treble.

4. With the G-LCD panel's screen center as refernce, adjust the R-LCD and B-LCD panels.
5. Finally tighten up the convergence lock screw "d".

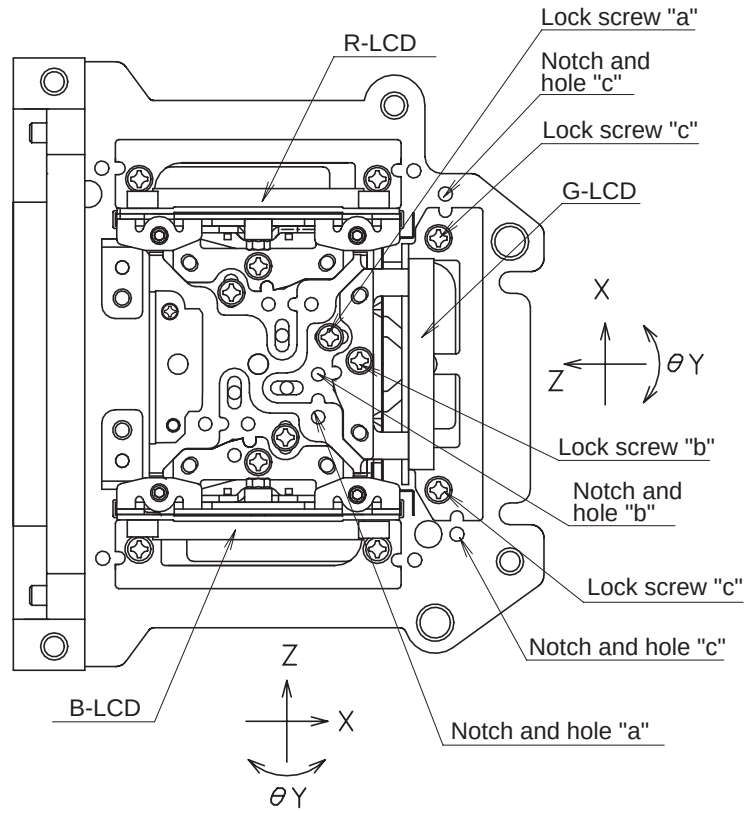
Notes :

① The eccentric cam is used for convergence adjustment.
This means that the cam's turning and the linear movement are not always uniform.

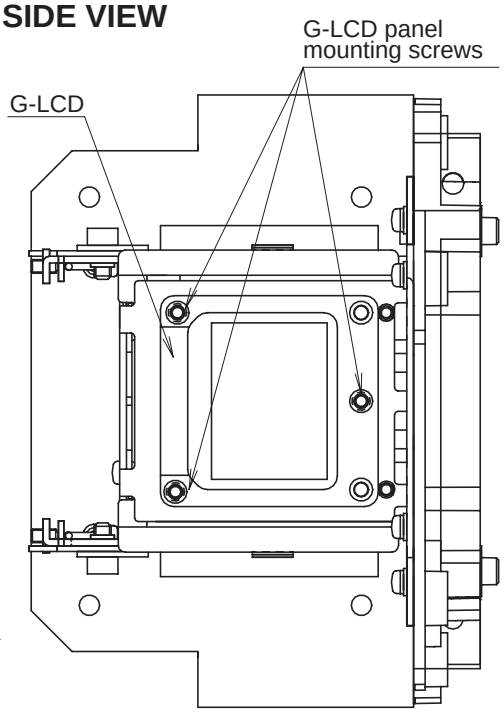
② This model is not equipped with the LCD image adjustment mechanism. This is because the cross-dichroic prism is used for image formation. When the LCD panels all get into best focus, the images are almost completely converged.

Convergence and Focus Adjustments Mechanism

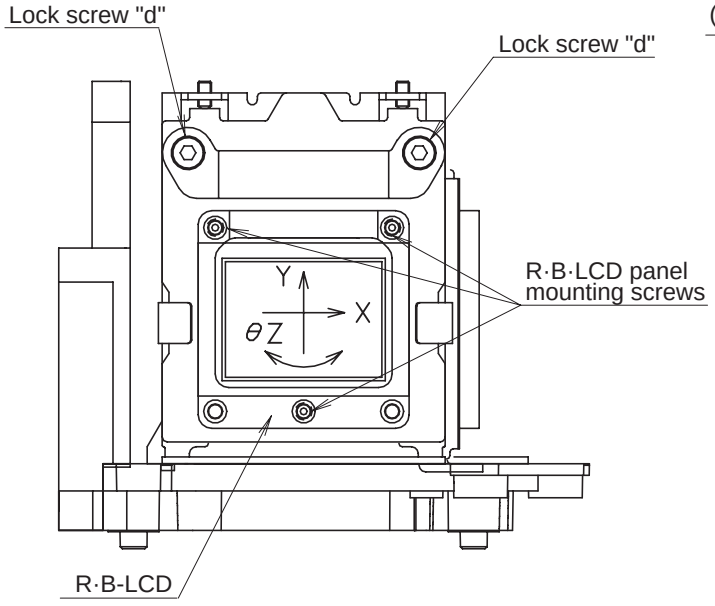
TOP VIEW



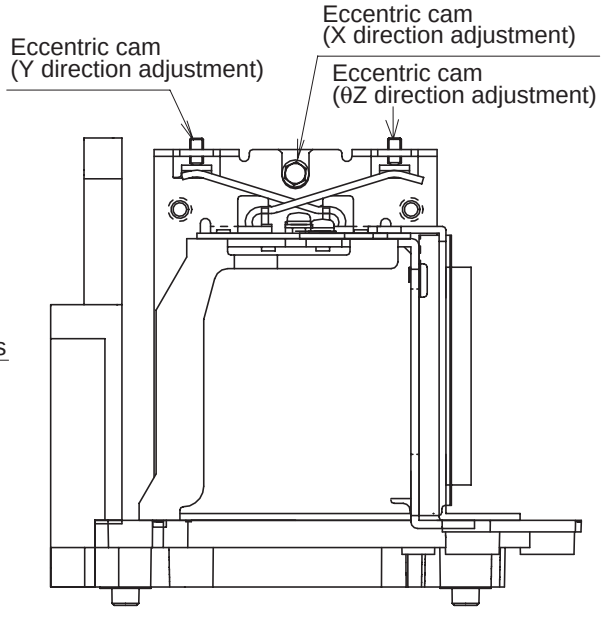
SIDE VIEW



SIDE VIEW (from inside)



SIDE VIEW (from inside)



Convergence and Focus Adjustments at a Glance

Adjustment directions

Adjustment	Direction	Definition	Direction of LCD panel
Convergence	X direction		LCD right and left
	Y direction		LCD top and bottom
	θZ direction	Rotation around Z axis	LCD turning axis
Focus	Z direction		LCD optical axis
	θX direction	Rotation around X axis	LCD top-to-bottom flapping
	θY direction	Rotation around Y axis	LCD right-to-left flapping

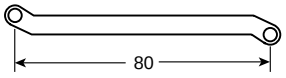
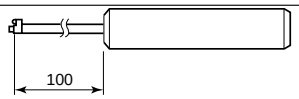
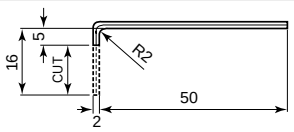
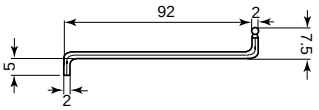
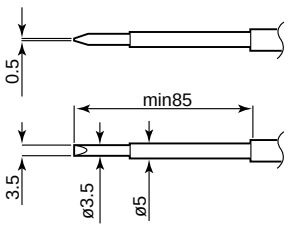
Convergence and Focus Adjustment for the Optical Mechanism

Color	Adjustment	Direction	Movement	Position	Adjusting tool	Lock screw	Tightening tool
R/B colors	Convergence	X direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		Y direction	±0.8mm	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
		θZ direction	±1°	Eccentric cam	Eccentric cam adjusting wrench	d	Hex wrench
	Focus	Z direction	±0.8mm	Notch and hole "a" & "c"	Eccentric screwdriver, Bladed screwdriver	a, c	Phillips screwdriver, *Hex wrench
		θX direction	±1°	Notch and hole "a" & "c"		a, c	
		θY direction	±1°	Notch and hole "b" & "c"		b, c	
G color	Focus	Z direction	±0.2mm	Same as for R and B colors			
		θX direction	±1°				
		θY direction	±1°				

Focus Adjustments the Other Way

Lock screw	Position	Related direction
a	Notch and hole "a"	Z and θX directions
b	Notch and hole "b"	θY direction
c	Notch and hole "c"	Z, θX and θY directions

Convergence and Focus Adjusting and Tightening Tools

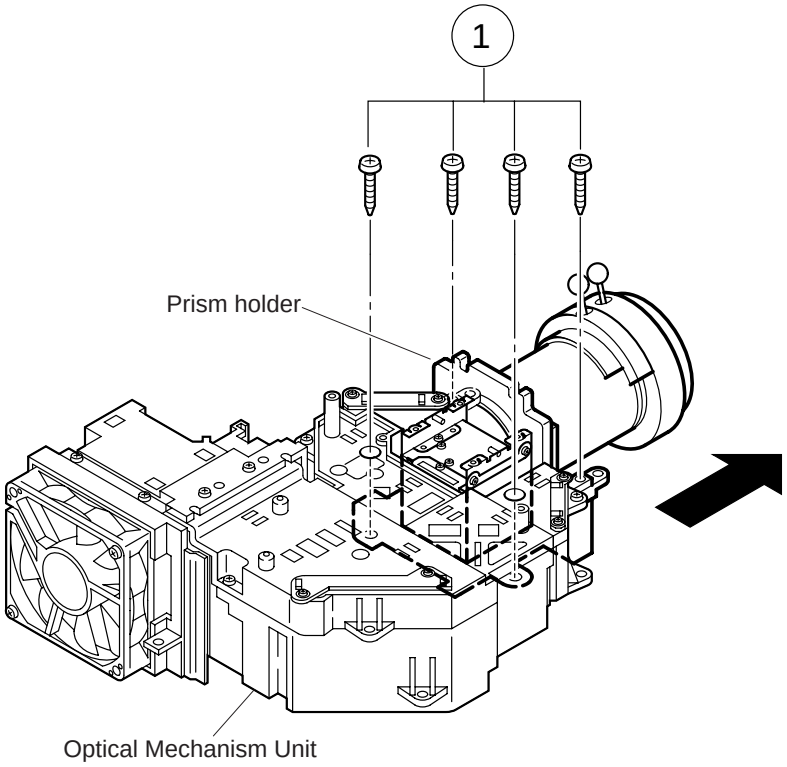
Tool	Specific or General	Tool code	Configuration
Eccentric cam adjusting wrench	Specific	9DASPN-XGNV1U	
Eccentric screwdriver	Specific	9DADRiVER-NV4U	
Hex wrench	General (redesigned)	9EQLNC-XGNV1U	
		9EQLNC-XGNV4U	
Bladed screwdriver	General	9EQDRiVER-NV1B	
Phillips screwdriver	General	—	For M2.6 pan-head machine screw
***Hex wrench**	General	—	1.27mm, preferably use a 70 mm or longer screwdriver (with a handle).

Replacing the LCD panels

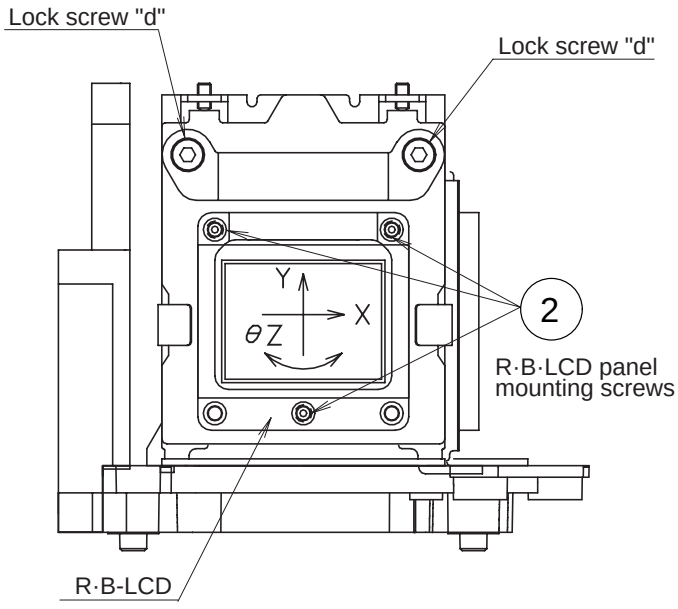
Detach the top panel and the optical mechanism unit in advance.

(1) Remove the four prism holder lock screws. Detach the prism holder from the optical mechanism unit.
(2) Remove the LCD panel lock screws (three each for the R-, G- and B-LCD panels). Detach the LCD panels from the prism holder.
(3) Mount a new LCD panel in the reverse order of the above steps (1) and (2).

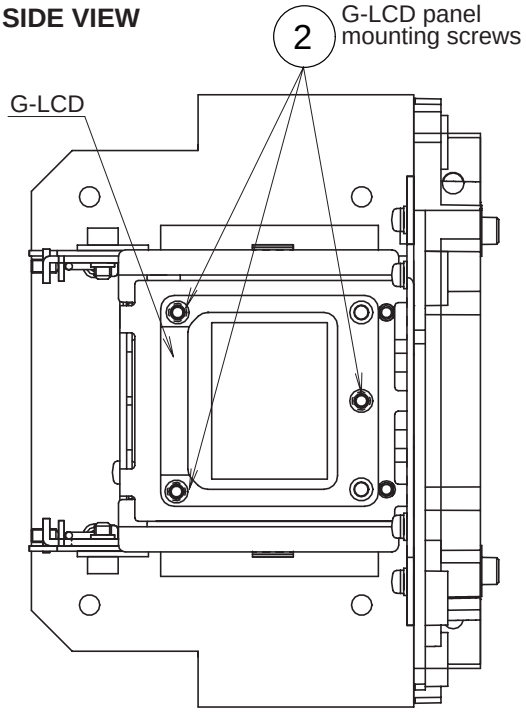
∗ Readjust the convergence and focus. Note that the G-LCD panel needs no convergence adjustment and has a small adjustment range in the Z direction.



SIDE VIEW (from inside)



SIDE VIEW

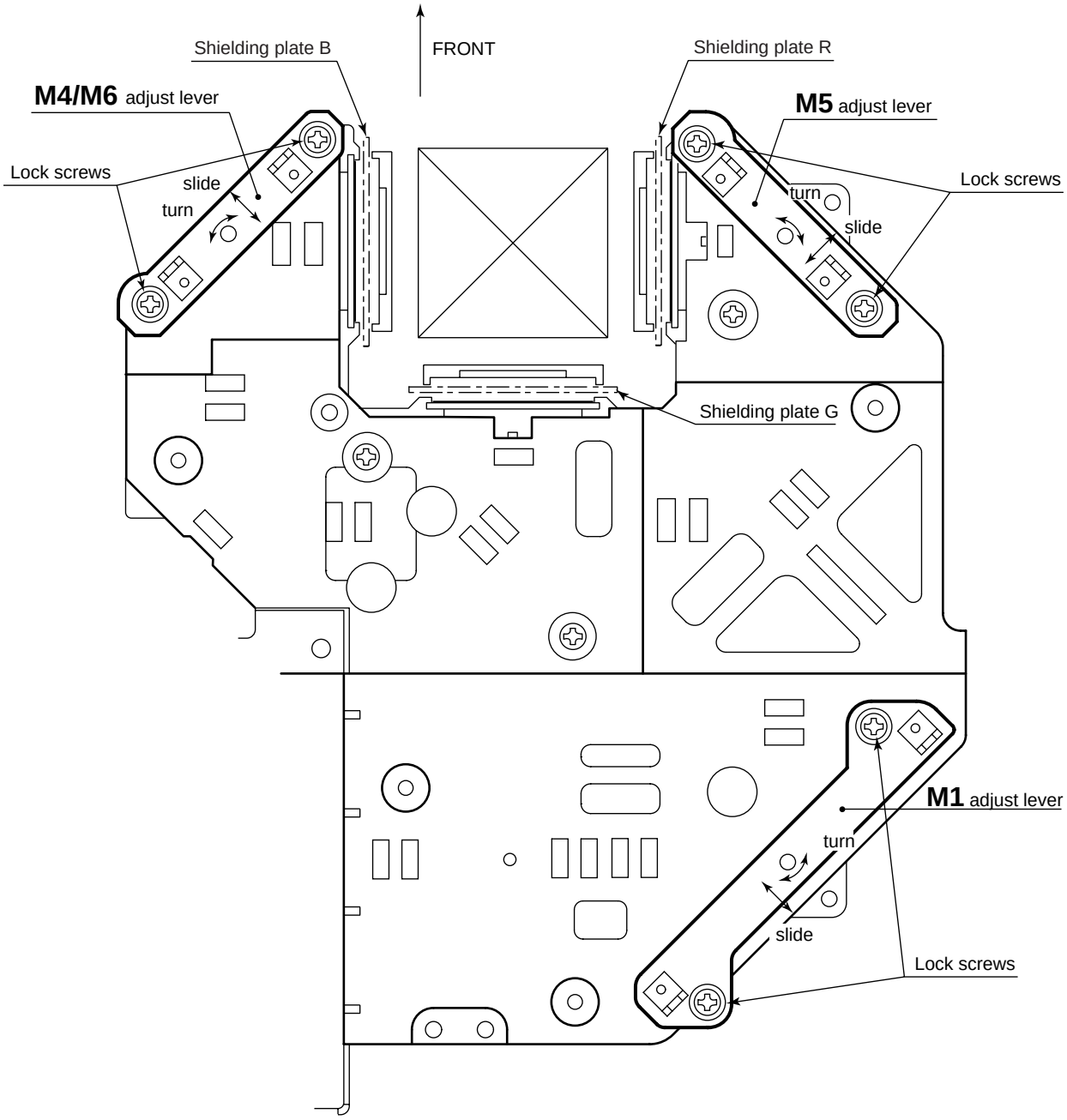


Adjusting the optical axis of the mirrors (M1, M5 and M4/M6)

The optical axis must be readjusted if an eclipse happens with the R. G or B mirrors. Generally speaking, this adjustment is needed when any of the internal optical components has been replaced.

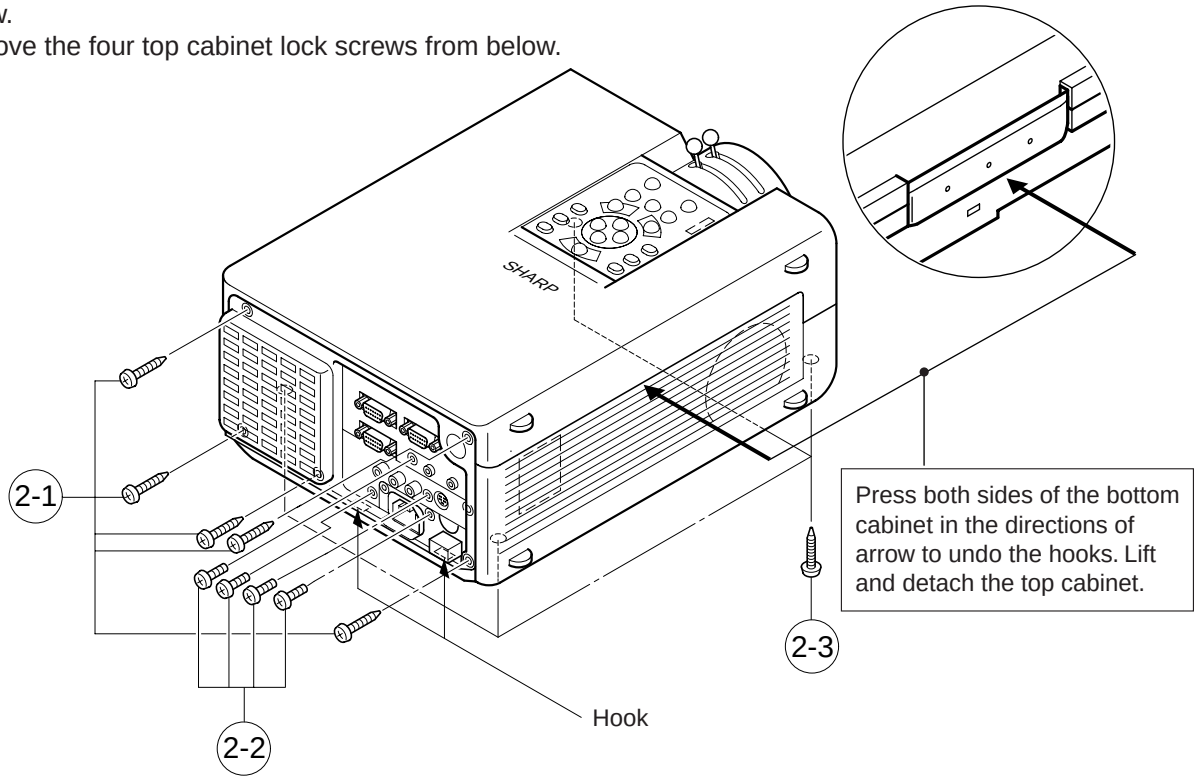
Adjustment procedure required when any of the panels has been replaced or the convergence has been adjusted

(1) Disconnect the flat cables of all the LCD panels.
(2) Let the lamp light up.
(3) To adjust the G mirror, shield the R and B mirrors with shielding plates (You can use a business card or the like to block the light).
(4) Loosen the lock screw of the M1 adjust lever.
(5) Looking at the G image on the screen, turn or slide the M1 adjust lever until the eclipse on the screen disappears. Tighten up the screw.
(6) To adjust the R mirror, shield the G and B mirrors and adjust the M5 adjust lever. For the B mirror, shield the R and G mirrors and adjust the M6 adjust lever.
(Take the same steps 4 and 5 above.)
(7) Remove all the shielding plates to have a white image.
Make sure there is no eclipse.

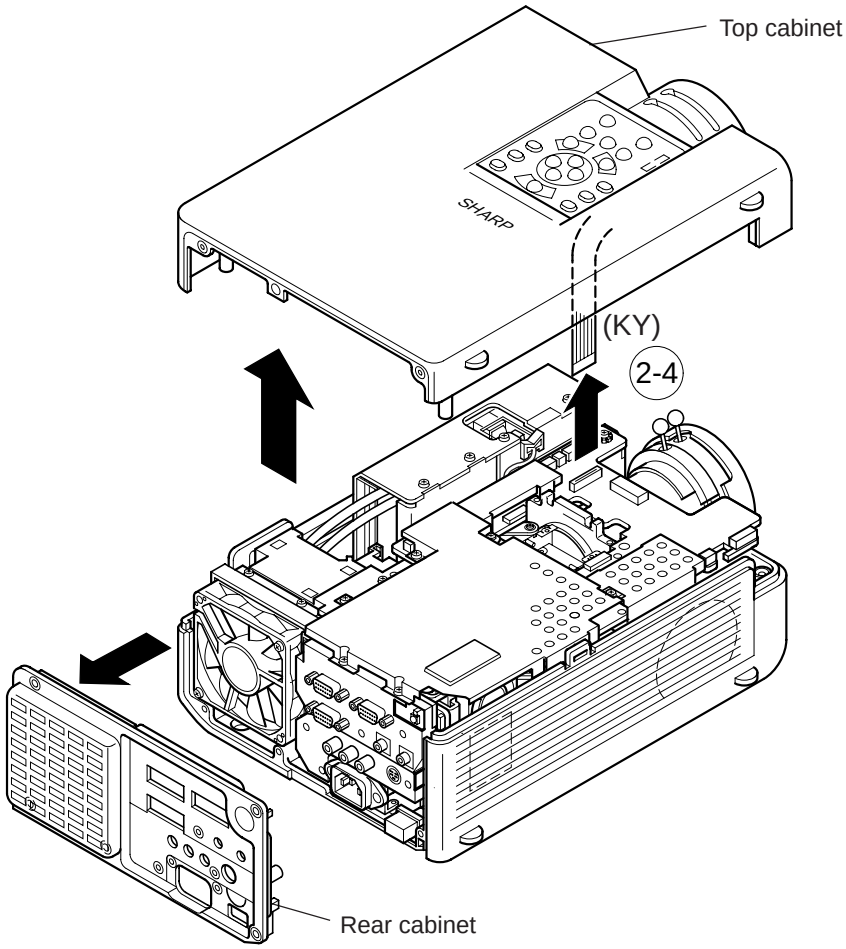


2. Removing the top and rear cabinets

2-1. Remove the five rear cabinet lock screws.
2-2. Remove the four terminal board lock screws off the rear cabinet. Unhook and detach the rear cabinet from below.
2-3. Remove the four top cabinet lock screws from below.

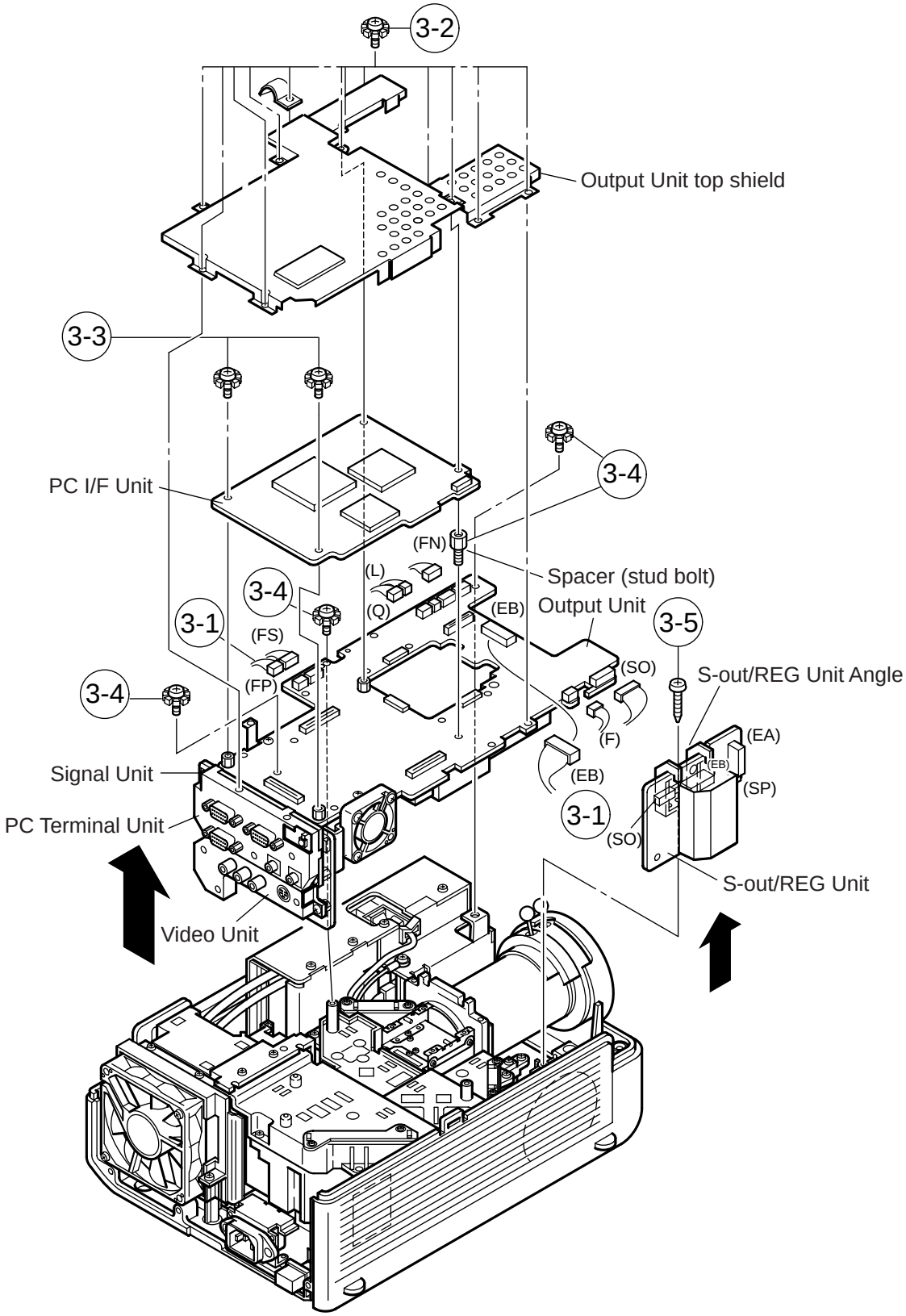

SHARP
2-1
2-2
2-3
Hook
Press both sides of the bottom cabinet in the directions of arrow to undo the hooks. Lift and detach the top cabinet.

2-4. Slowly lift the top cabinet and disconnect the operation key unit connector (KY). Then take away the top cabinet.



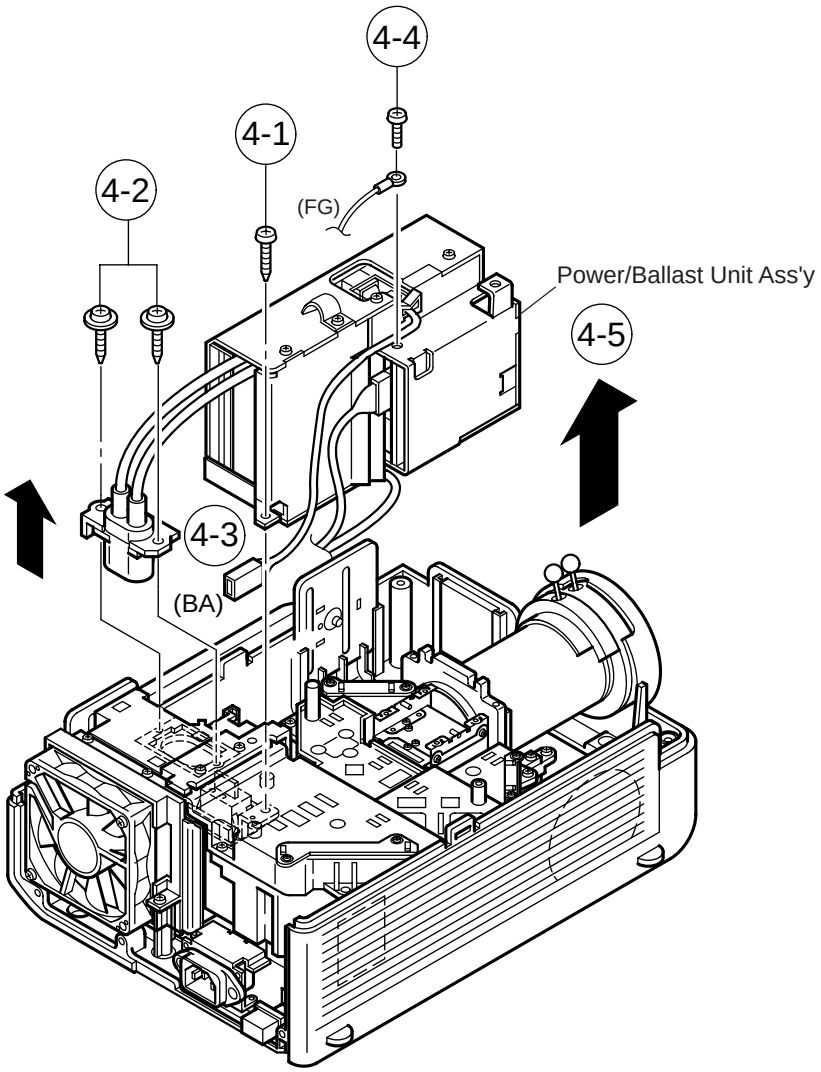
3. Removing the PWB units

3-1. Disconnect the connectors.
3-2. Remove the twelve screws and detach the output Unit top shield.
3-3. Remove the two screws and detach the PC I/F Unit.
3-4. Remove the two screws and the spacer (stud bolt).Lift and detach the Unit assembly.
3-5. Remove the S-out/REG unit angle lock screw and take out the S-out/REG unit.



4. Removing the Power/Ballast unit assembly

4-1. Remove the Power/Ballast unit assembly lock screw.
4-2. Remove the two lamp socket holder lock screws and take out the holder.
4-3. Disconnect the connector (BA) from the ballast unit.
4-4. Remove the (FG) lead lock screw.
4-5. Lift the Power/Ballast unit assembly off the position.

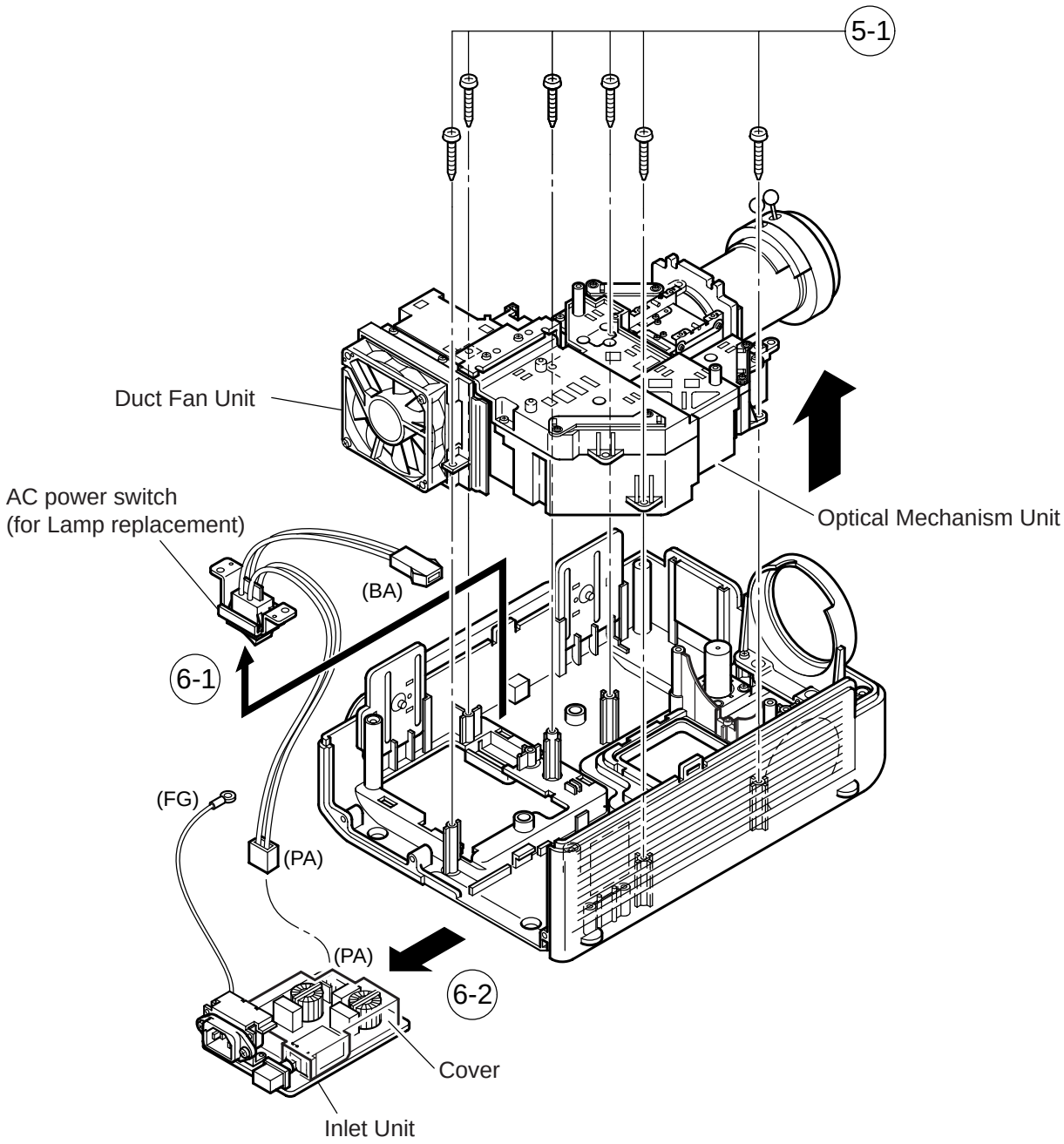


5. Removing the optical mechanism unit

5-1. Remove the six optical mechanism unit lock screws. Lift the unit off the position.

6. Removing the ballast unit and inlet unit

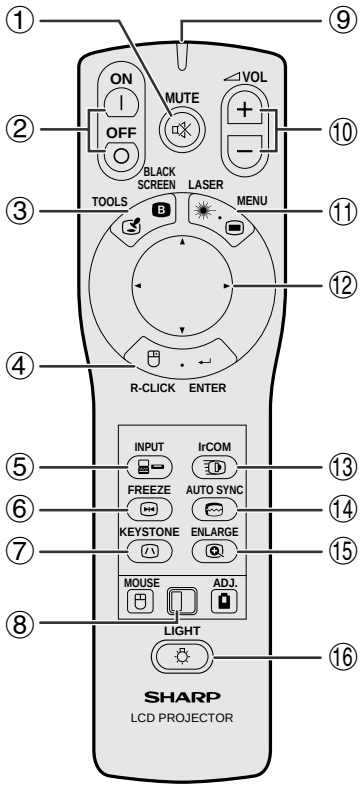
6-1. Disconnect the connector (PA) from the inlet unit. Take out the AC power switch.
6-2. Pull the inlet unit toward yourself off the position.
Note: Before installing the lamp cover, make sure the AC power switch is at the "◯" (OFF) position.



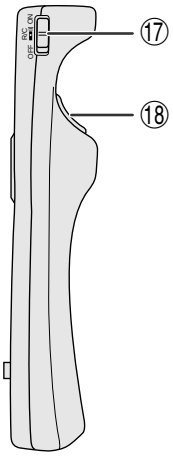
Operating the Wireless Mouse Remote Control

"Power" Remote Control

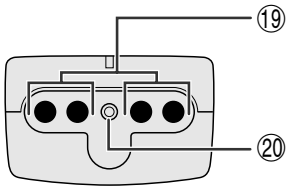
Front View



Side View



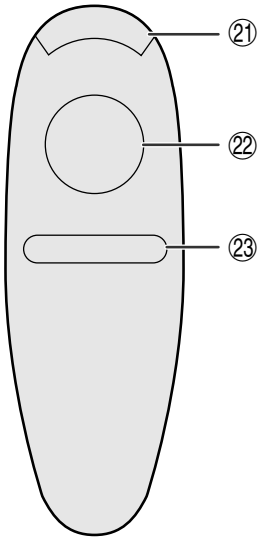
Top View



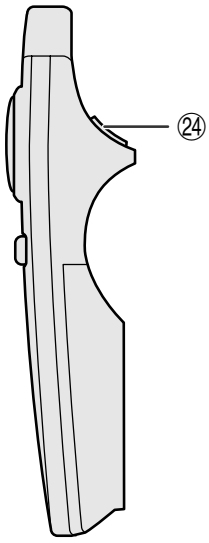
① MUTE button
② POWER buttons (ON/OFF)
③ BLACK SCREEN/TOOLS button
④ RIGHT-CLICK/ENTER button
⑤ INPUT button
⑥ FREEZE button
⑦ KEYSTONE button
⑧ MOUSE/ADJUSTMENT switch
⑨ TRANSMISSION indicator
⑩ VOLUME buttons (' /1)
⑪ LASER POINTER/MENU button
⑫ MOUSE/ADJUSTMENT buttons (▲/▼/◀/▶)
⑬ IrCOM button
⑭ AUTO SYNC button
⑮ ENLARGE button
⑯ BACKLIGHT button
⑰ MAIN POWER switch
⑱ LEFT-CLICK (BACK) button
⑲ Remote control signal transmitter
⑳ Laser pointer window
㉑ MOUSE signal transmitter
㉒ MOUSE button
㉓ RIGHT-CLICK button
㉔ LEFT-CLICK button

Simple Presentation Remote Control

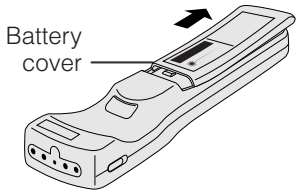
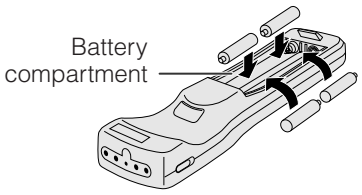
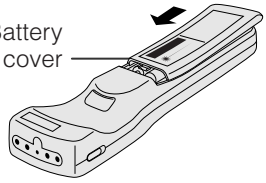
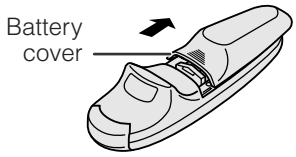
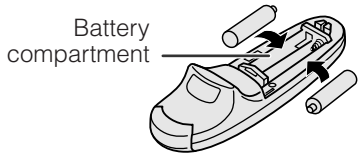
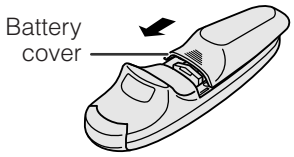
Front View



Side View



Inserting the batteries

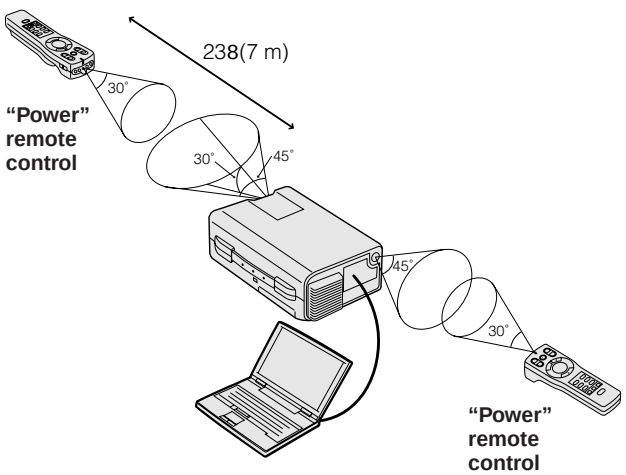
1 Press in and downward on the arrow to remove the battery cover.	2 Insert four AA size batteries for the "Power" remote control and two AAA size batteries for the simple presentation remote control making sure their polarities match the ‘ and 1 marks inside the battery compartment.	3 Insert the side tabs of the battery cover into their slots and press the cover in until it is properly seated.
		
		

- The "Power" remote control can be used to control the projector within the ranges shown below.
- The remote mouse receiver can be used with the "Power" remote control or the simple presentation remote control to control the mouse functions of a connected computer within the ranges shown below.

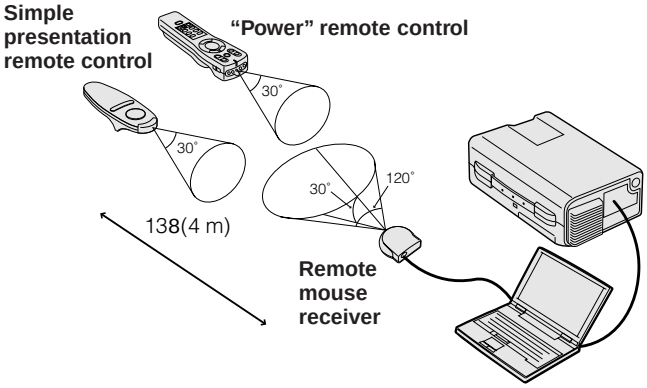
NOTE

- The signal from the remote controls can be reflected off a screen for easy operation. However, the effective distance of the signal may differ due to the screen material.

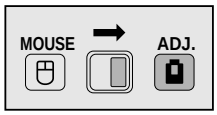
Controlling the Projector

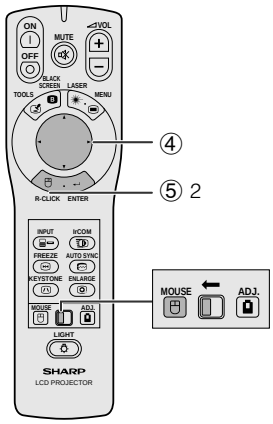


Using the Wireless Mouse

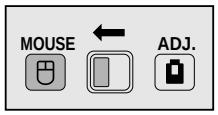


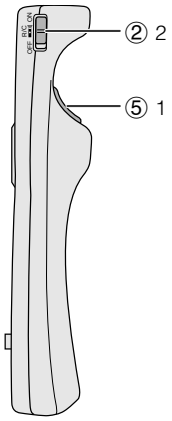
When operating the projector controls

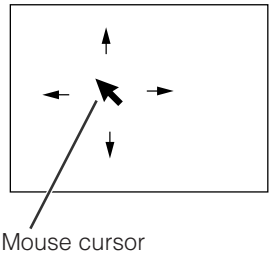




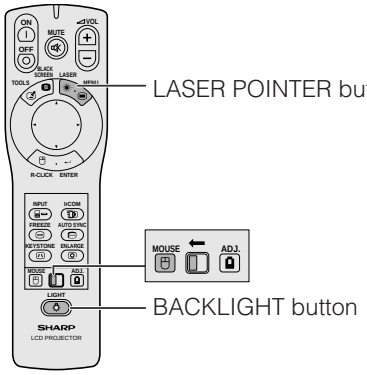
When operating the wireless mouse or using the laser pointer







Button name	Position of MOUSE/ADJUSTMENT switch	
	MOUSE ⟷ *ADJ.*	
LASER POINTER/MENU	LASER POINTER (GREEN)	MENU (RED)
BLACK SCREEN/TOOLS	BLACK SCREEN (GREEN)	TOOLS (RED)
RIGHT-CLICK/ENTER	RIGHT-CLICK (GREEN)	ENTER (RED)
MOUSE/ADJUSTMENT	MOUSE (GREEN)	ADJUSTMENT (RED)
LEFT-CLICK/BACK	LEFT-CLICK (NOT LIT)	BACK (NOT LIT)
POWER ON/OFF	ON (RED)	
VOLUME ‘ /1		
MUTE		
INPUT		
IrCOM		
FREEZE		
AUTO SYNCHRONIZATION		
KEYSTONE		
ENLARGE		



The “Power” remote control has the following three functions:

- Operation of projector controls
- Operation of wireless mouse
- Use of laser pointer

Slide the **MOUSE/ADJUSTMENT** switch to the MOUSE or ADJ. position for use of the function.

① Connect the projector to a computer

② Wireless mouse operation

1. After connecting the projector and the computer, turn the projector on first. The computer should always be turned on last.
2. Slide the **MAIN POWER** switch on the “Power” remote control to ON.

③ Selecting the operation mode

To use the “Power” remote control as a wireless mouse, slide the **MOUSE/ADJUSTMENT** switch to the MOUSE position.

NOTE

- To use the “Power” remote control to operate the projector, slide the **MOUSE/ADJUSTMENT** switch to the ADJ. position.
- The wireless mouse or RS-232C function may not operate if your computer serial port is not correctly set up. Please refer to the computer’s operation manual for details on setting up/installing the correct mouse driver.

④ Moving the mouse cursor

Press ▲/▼/◀/▶ on the “Power” remote control to move the mouse cursor around the screen.

NOTE

- The supplied simple presentation remote control can also be used for wireless mouse operation.

⑤ Using the mouse buttons for two-button mouse systems

The wireless mouse is configured to be used as a standard two-button mouse (desktop mouse).

1. Use **LEFT-CLICK** on the back of the “Power” remote control as the “Left Click” of a standard desktop mouse.
2. Use **RIGHT-CLICK** on the front of the “Power” remote control as the “Right Click” of a standard desktop mouse.

NOTE

- For one-button mouse systems, use either the **LEFT-CLICK** or **RIGHT-CLICK** button.

Using the laser pointer

Slide the **MOUSE/ADJUSTMENT** switch to the MOUSE position, and then press **LASER POINTER** (✷) to activate the laser pointer. When the button is released, the light automatically goes off.

NOTE

- For safety reasons, the laser pointer automatically goes off after 1 minute of continuous use. To turn it on again, press **LASER POINTER** (✷) one more time.

Using the “Power” remote control in a dark room

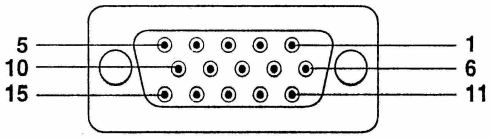
The “Power” remote control has a backlight function. When **BACKLIGHT** is pressed, the remote buttons light up. Green light refers to mouse operations, and red light to projector adjustments.

NOTE

- If the MAIN POWER switch on the “Power” remote control is left on for more than 10 minutes without operation, the power will automatically turn off. To turn the power back on, press any button on the remote control for more than one second.

Connection Pin Assignments

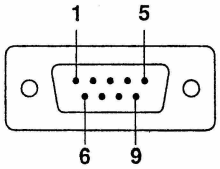
Analog Computer 1 and 2 Signal Input Ports: 15-pin mini D-sub female connector



Computer Input
Analog

1. Video input (red)
2. Video input (green)
3. Video input (blue)
4. Reserve input 1
5. Composite sync
6. Earth (red)
7. Earth (green)
8. Earth (blue)
9. Not connected
10. GND
11. GND
12. Bi-directional data
13. Horizontal sync signal
14. Vertical sync signal
15. Data clock

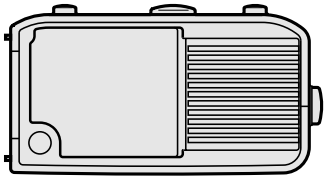
RS-232C Port: 9-pin D-sub male connector



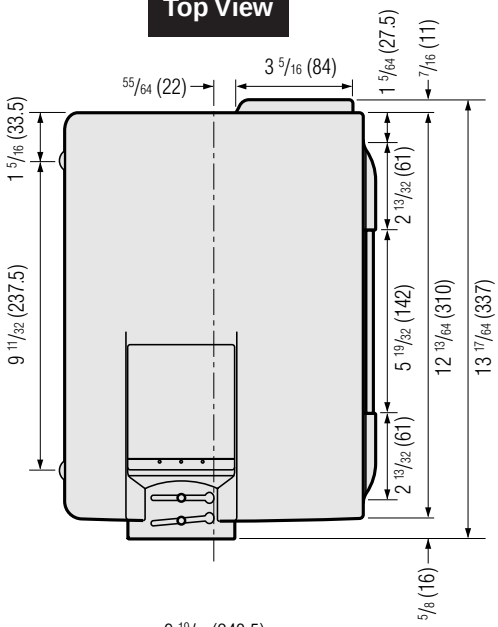
Pin No.	Signal	Name	I/O	Reference
1	CD			Not connected
2	RD	Receive Data	Input	Connected to internal circuit
3	SD	Send Data	Output	Connected to internal circuit
4	ER			Not connected
5	SG	Signal Ground		Connected to internal circuit
6	DR	Data Set Ready	Output	Not connected
7	RS	Request to Send	Output	Connected to internal circuit
8	CS			Not connected
9	CI			Not connected

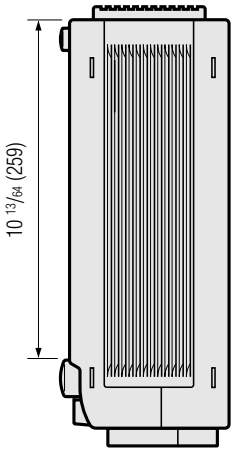
Dimensions

Rear View

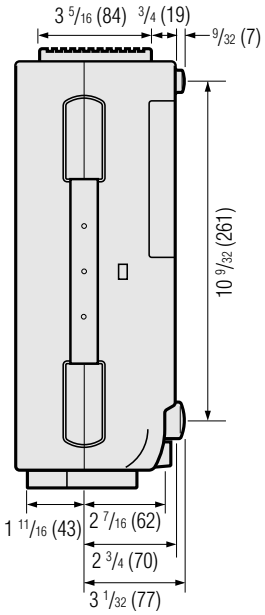


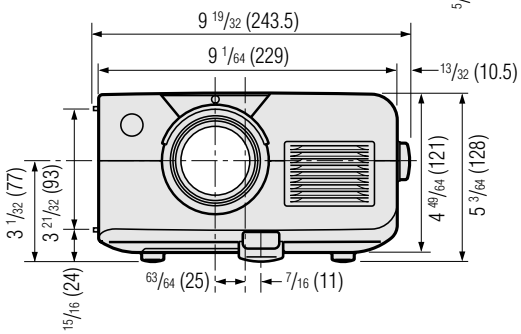
Top View



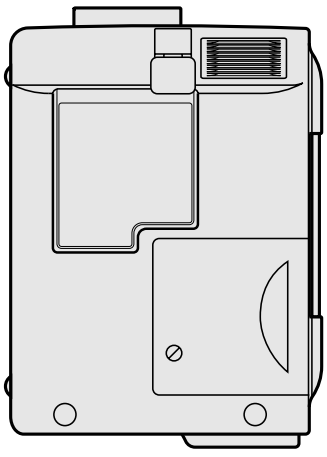


Side View





Front View



Bottom View

Units: inches (mm)

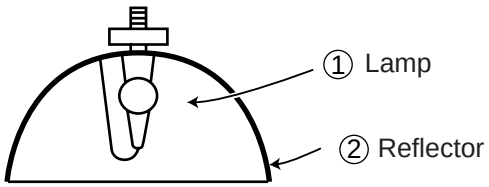
UV-RADIATION PRECAUTION (Continued)

■ Lamp Replacement

Note:

Since the lamp reaches a very high temperature during units operation replacement of the lamp should be done at least one hour after the power has been turned off. (to allow the lamp to cool off.) Installing the new lamp, make sure not to touch the lamp (bulb) replace the lamp by holding its reflector ②.

[Use original replacement only.]



DANGER ! — Never turn the power on without the lamp to avoid electric-shock or damage of the devices since the stabilizer generates high voltages at its start.

Since small amounts of UV-Radiation are emitted from an opening between the duct cover and the lamp housing, it is recommended to place the LENS CAP on the opening during servicing to avoid eye and skin exposure (Fig. 1).

Note: Please obtain a lens cap before servicing a model XG-NV5XU that is received without one.

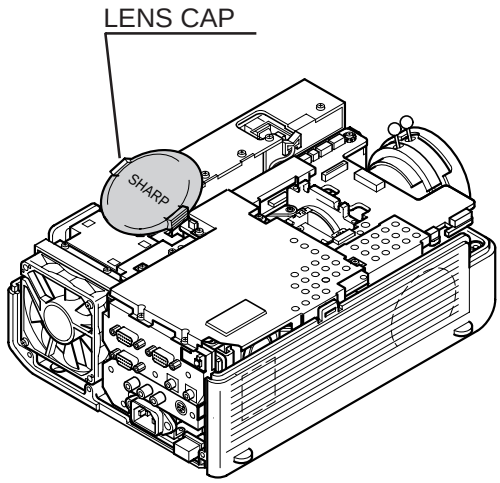


Figure 1.

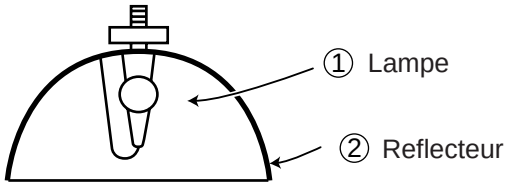
PRECAUTION POUR LES RADIATIONS UV (Suite)

■ Remplacement de la lampe

Remarque:

Comme la lampe devient très chaude pendant le fonctionnement de l'unité, son remplacement ne doit être effectué au moins une heure après avoir coupé l'alimentation (pour permettre à la lampe de refroidir). En installant la nouvelle lampe, s'assurer de ne pas toucher la lampe (ampoule). Remplacer la lampe en tenant son réflecteur ②.

[N'utiliser qu'un remplacement d'origine.]



DANGER ! — Ne jamais mettre sous tension sans la lampe pour éviter un choc électrique ou des dommages des appareils car le stabilisateur génère de hautes tensions à sa mise en route.

Comme de petites quantités de radiation UV sont émises par une ouverture entre le couvercle du conduit et le botier de la lampe,il est recommandé de placer le CAPUCHON D'OPTIQUE sur l'ouverture pendant l'entretien pour éviter une exposition des yeux et la peau (Fig. 1).

Remarque: Priére de se procurer un capuchon d'optique acant d'entretien un modéle XG-NV5XU qui est livré sans.

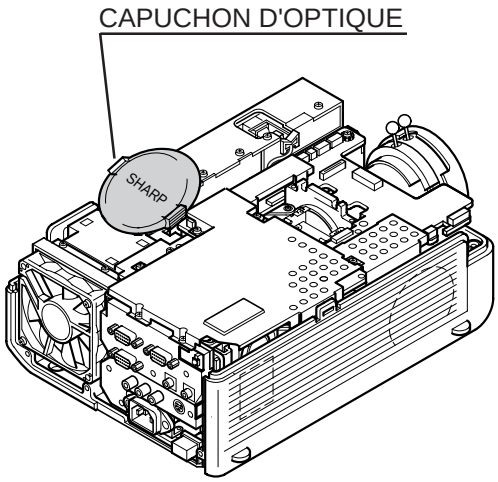


Figure 1.

WARNING: High brightness light source, do not stare into the beam of light, or view directly. Be especially careful that children do not stare directly in to the beam of light.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO MOISTURE OR WET LOCATIONS.

CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT REMOVE SCREWS
EXCEPT SPECIFIED USER
SERVICE SCREW

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE CABINET.
NO USER-SERVICEABLE PARTS EXCEPT LAMP UNIT.
REFER SERVICING TO QUALIFIED SERVICE
PERSONNEL.

The lighting flash with arrowhead within a triangle is intended to tell the user that parts inside the product are risk of electric shock to persons.

The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the manual with the projector.

CAUTION
(INLET Unit)

5A 250V

For continued protection against a risk of fire, replace only with same type 5A 250V fuse.
(F701)

AVERTISSEMENT: Source lumineuse de grande intensité. Ne pas fixer le faisceau lumineux ou le regarder directement. Veiller particulièrement à éviter que les enfants ne fixent directement le faisceau lumineux.

AVERTISSEMENT: AFIN D'EVITER TOUT RISQUE D'INCENDIE OU D'ELECTROCUTION, NE PAS PLACER CET APPAREIL DANS UN ENDROIT HUMIDE OU MOUILLE.

ATTENTION

RISQUE
D'ELECTROCUTION NE
PASRETIRER LES VIS, A
L'EXCEPTION DES VIS DE
REPARATION UTILISATEUR
SPECIFIEES

ATTENTION: POUR EVITER TOUT RISQUE
D'ELECTROCUTION, NE PAS RETIRER LE CAPOT.
AUCUNE DES PIECES INTERIEURES N'EST REPARABLE
PAR L'UTILISATEUR, A L'EXCEPTION DE L'UNITE DE
LAMPE. POUR TOUTE REPARATION, S'ADRESSER A UN
TECHNICIEN D'ENTRETIEN QUALIFIE.

L'éclair terminé d'une flèche à l'intérieur d'un triangle indique à l'utilisateur que les pi'eces se trouvant dans l'appareil sont susceptibles de provoquer une décharge électrique.

Le point d'exclamation à l'intérieur d'un triangle indique à l'utilisateur que les instructions de fonctionnement et d'entretien sont détaillées dans les documents fournis avec le projecteur.

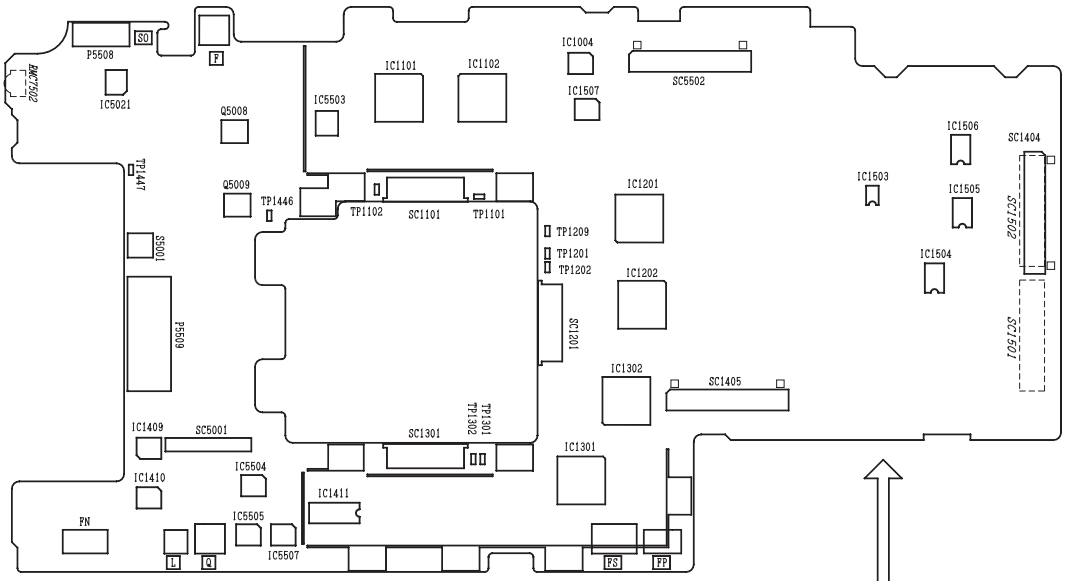
PRECAUTION
(Unite d'admission)

5A 250V

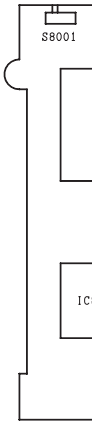
Pou r une protection continue contre les risques d'incendie, ne remplacer qu'avec un fusible 5A 250V du même type.
(F701)

CHASSIS LAYOUT

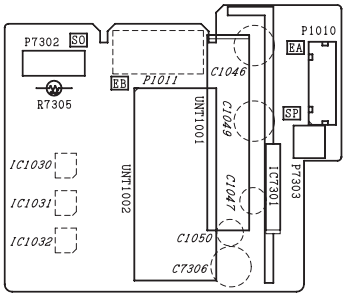
OUTPUT UNIT
DUNTK9839DE01

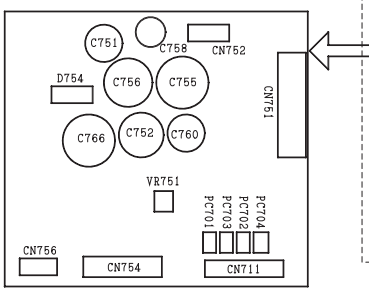


PC I/F
CPCI

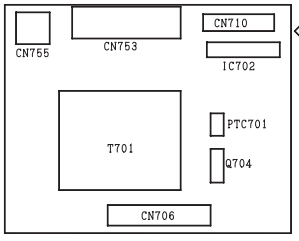


S-OUT/REG UNIT
DUNTK9873DE01



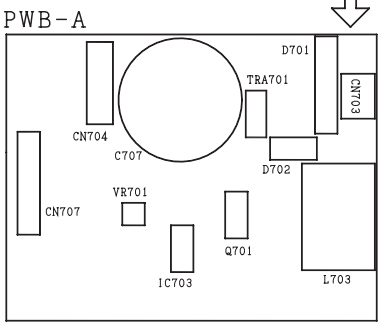


PWB-C

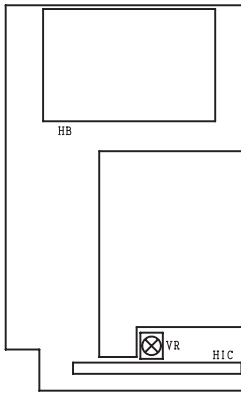


PWB-B

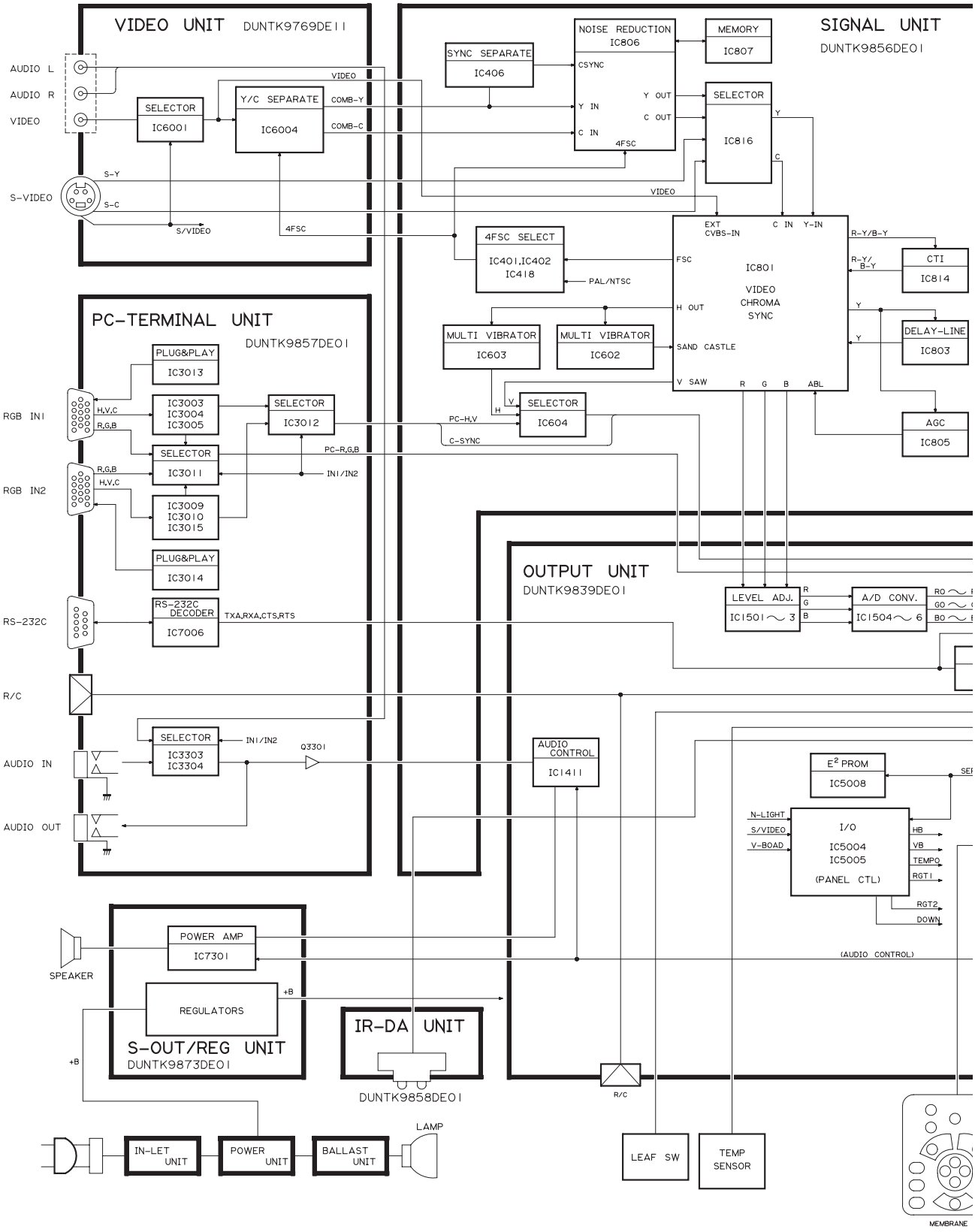
POWER UNIT
CDENC0284CE01



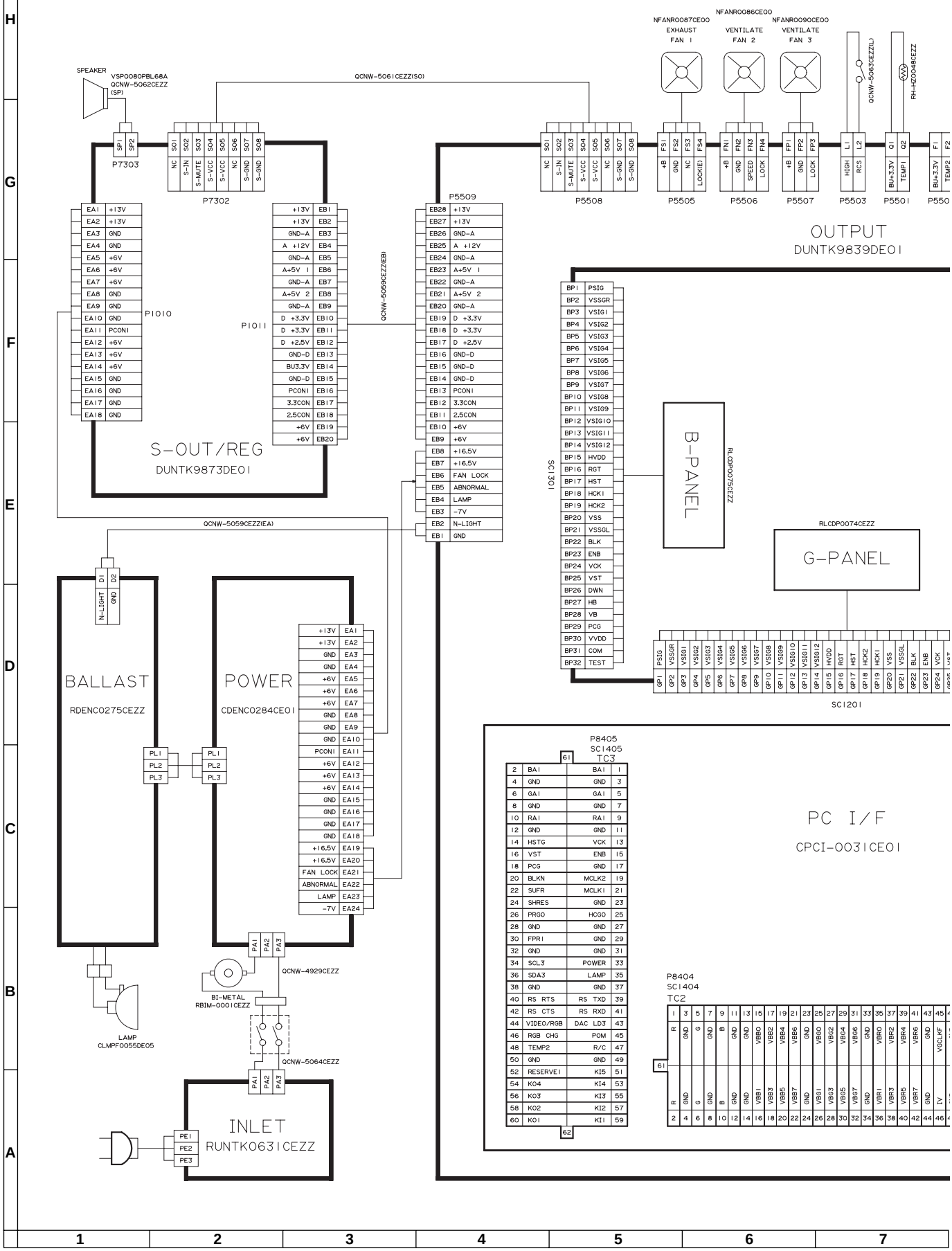
BALLAST UN
RDENC0275



BLOCK DIAGRAM-1



OVERALL WIRING DIAGRAM



DESCRIPTION OF SCHEMATIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

1. Voltages at test points are measured at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

WAVEFORM MEASUREMENT CONDITION:

1. Waveforms at test points are observed at the supply voltage of AC 120V. Signals are fed by a color bar signal generator for servicing purpose.

INDICATION OF RESISTOR & CAPACITOR:

RESISTOR

1. The unit of resistance "Ω" is omitted. (K=kΩ=1000 Ω, M=MΩ).
2. All resistors are ± 5%, unless otherwise noted. (J= ± 5%, F= ± 1%, D= ± 0.5%)
3. All resistors are 1/10W, unless otherwise noted.
4. All resistors are Carbon type, unless otherwise noted.

Ⓒ: Solid Ⓦ: Cement
Ⓢ: Oxide Film Ⓣ: Special
Ⓝ: Metal Coating

CAPACITOR

1. All capacitors are μF, unless otherwise noted. (P=pF=μμF).
2. All capacitors are 50V, unless otherwise noted.
3. All capacitors are Ceramic type, unless otherwise noted.

(ML): Mylar (TA): Tantalum
(PF): Polypro Film (ST): Styrol

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

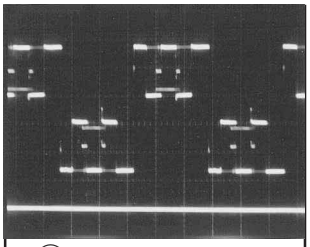
SAFETY NOTES:

1. DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACEING PARTS.
2. SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

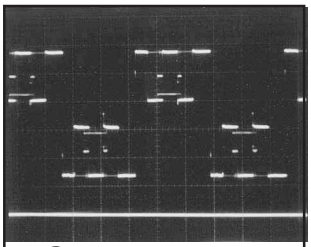
IMPORTANT SAFETY NOTICE:

PARTS MARKED WITH "⚠" ( ) ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.

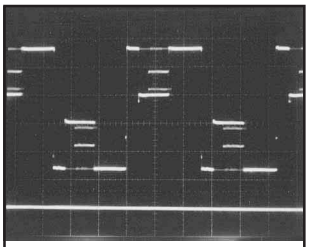
WAVEFORMS



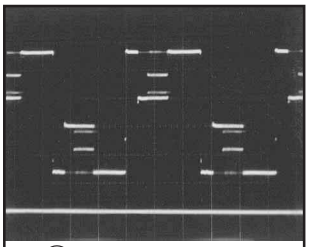
① SC1101 7-pin
(RP SIG5)
H : 10µsec/div
V : 2V/div



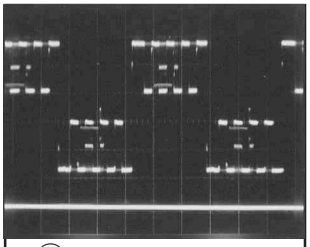
② SC1101 8-pin
(RP SIG6)
H : 10µsec/div
V : 2V/div



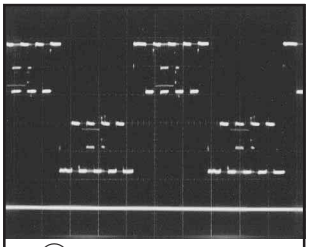
③ SC1201 7-pin
(GP SIG5)
H : 10µsec/div
V : 2V/div



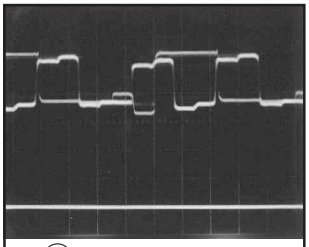
④ SC1201 8-pin
(GP SIG6)
H : 10µsec/div
V : 2V/div



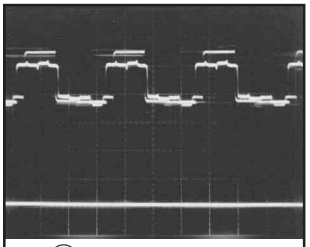
⑤ SC1301 7-pin
(BP SIG5)
H : 10µsec/div
V : 2V/div



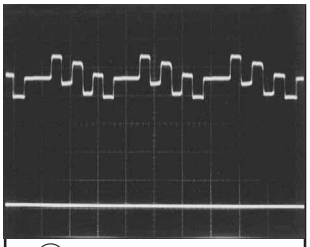
⑥ SC1301 8-pin
(BP SIG6)
H : 10µsec/div
V : 2V/div



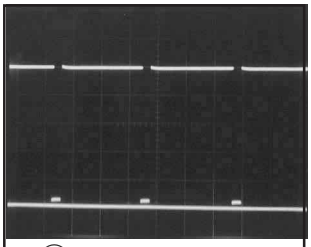
⑦ P801 1-pin
(R)
H : 10µsec/div
V : 0.5V/div



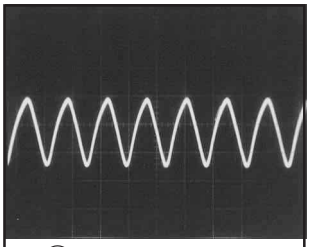
⑧ P801 2-pin
(G)
H : 20µsec/div
V : 0.5V/div



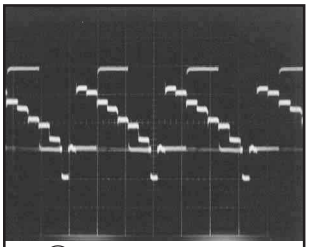
⑨ P801 4-pin
(B-Y)
H : 20µsec/div
V : 1V/div



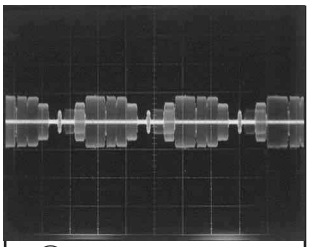
⑩ IC604 6-pin
(H-OUT)
H : 20µsec/div
V : 1V/div



⑪ Q422 Emitter
(4FSC)
H : 50µsec/div
V : 0.5V/div

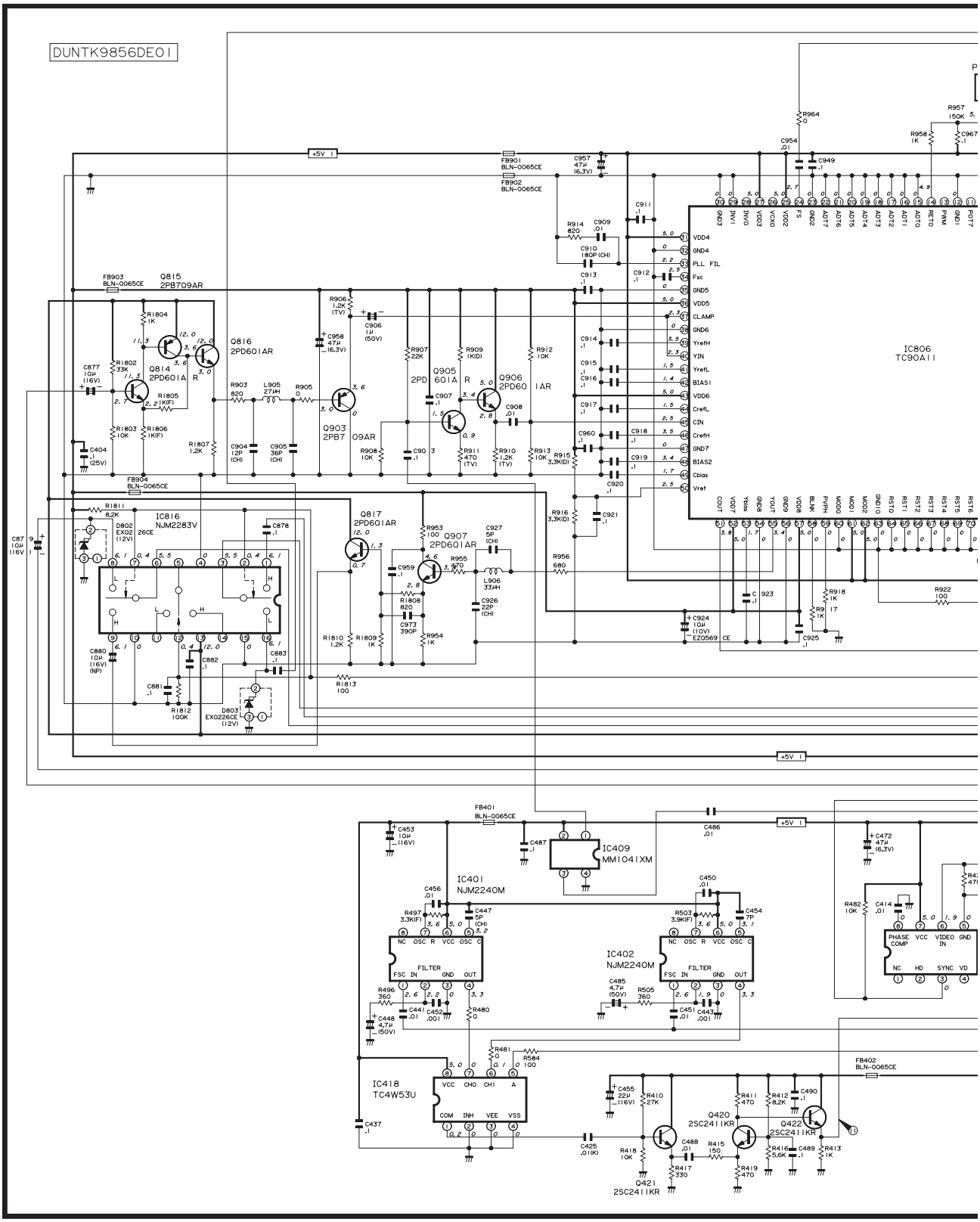


⑫ Q6008 Emitter
(Y-signal)
H : 10µsec/div
V : 0.2V/div

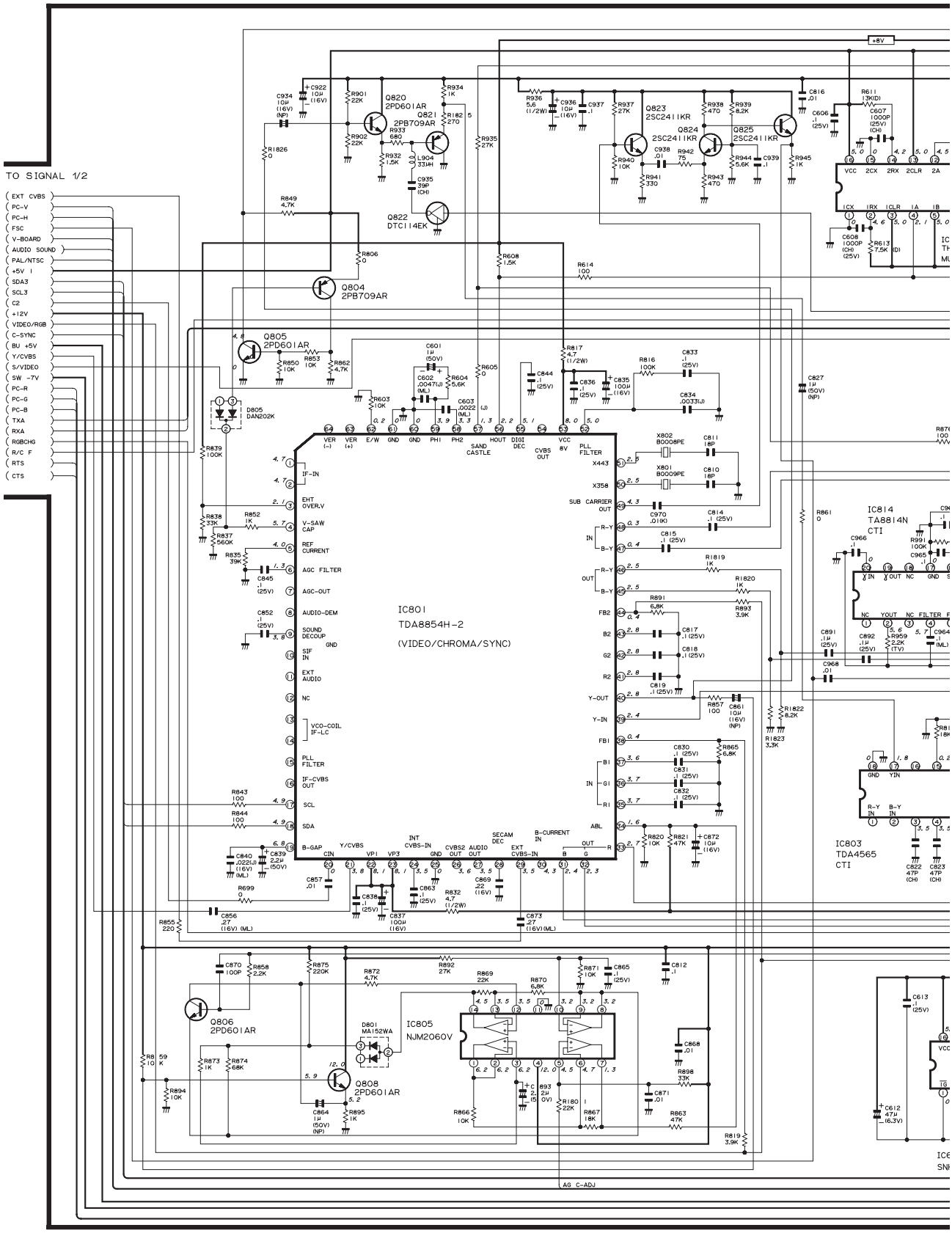


⑬ Q6003 Emitter
(CHROMA signal)
H : 10µsec/div
V : 0.2V/div

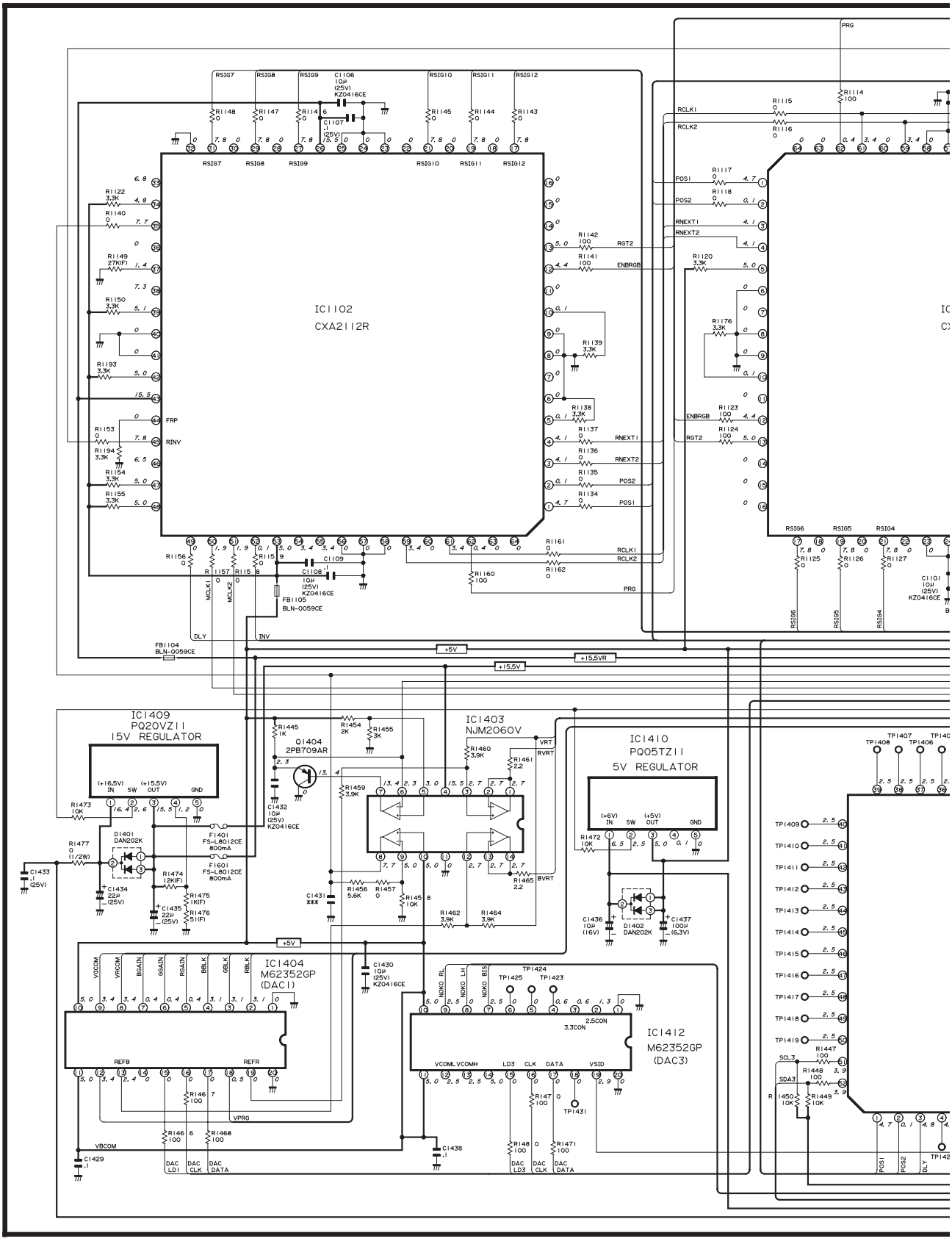
■ SIGNAL UNIT-1/2



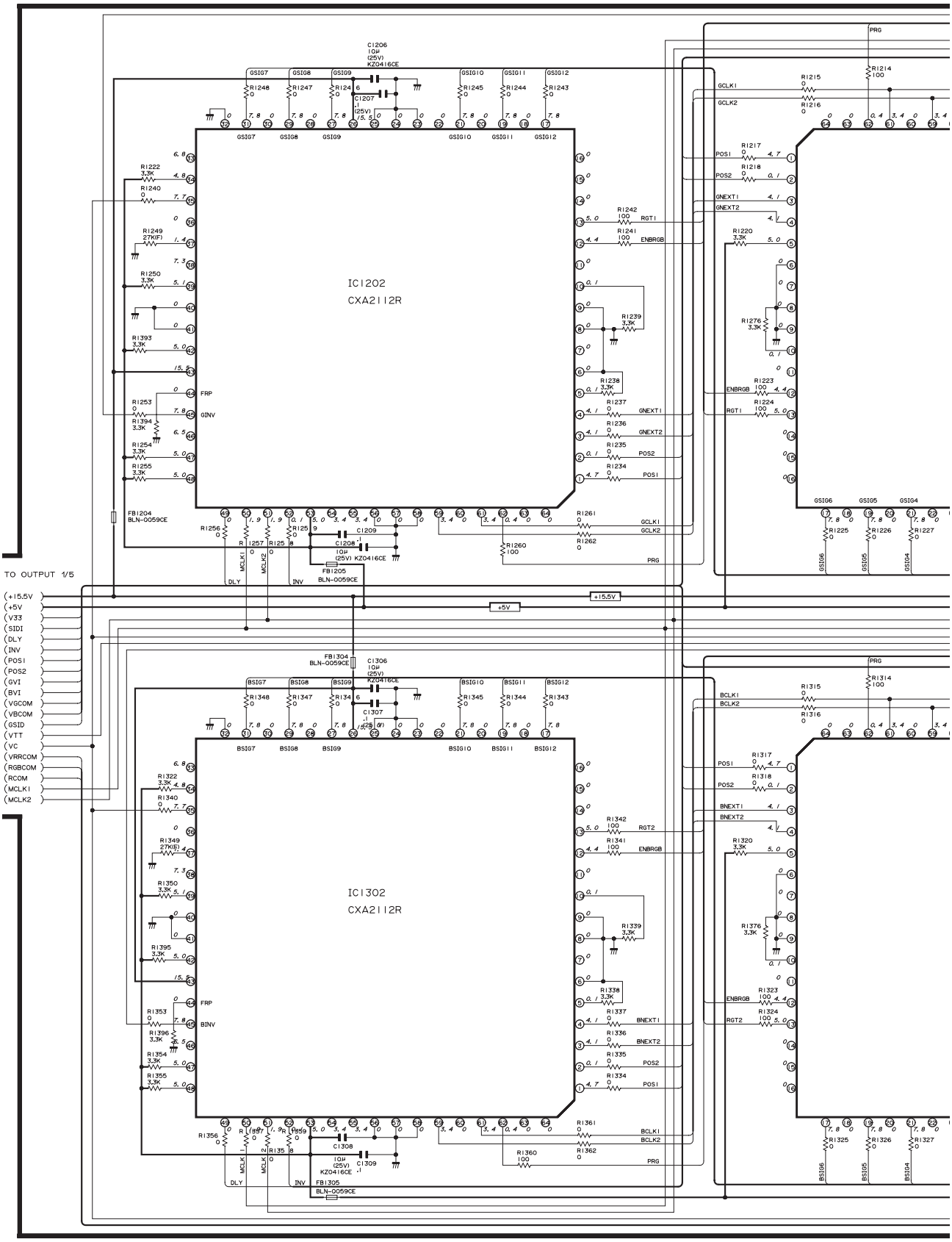
■ IR-DA and SIGNAL UNIT-2/2



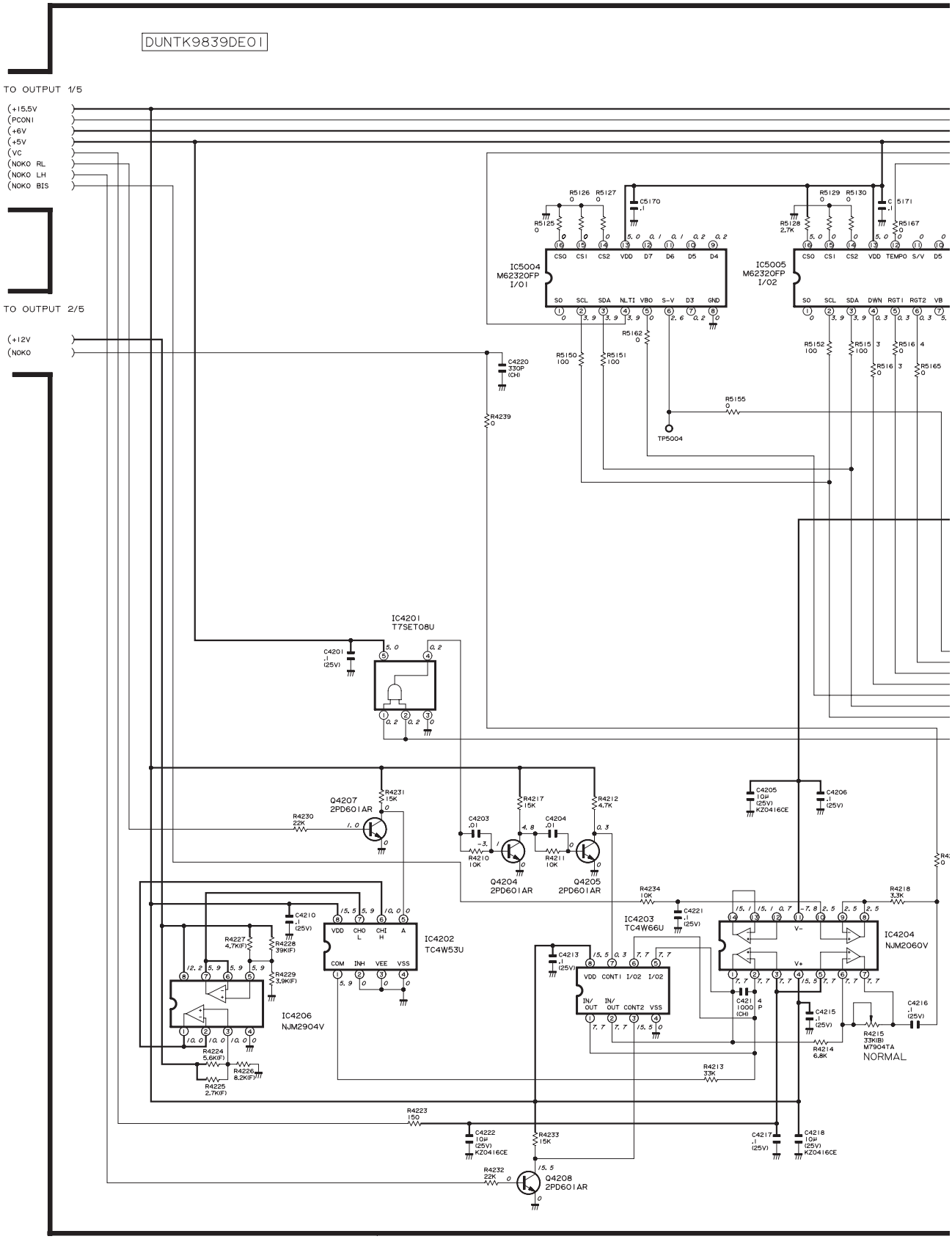
■ OUTPUT UNIT-1/5



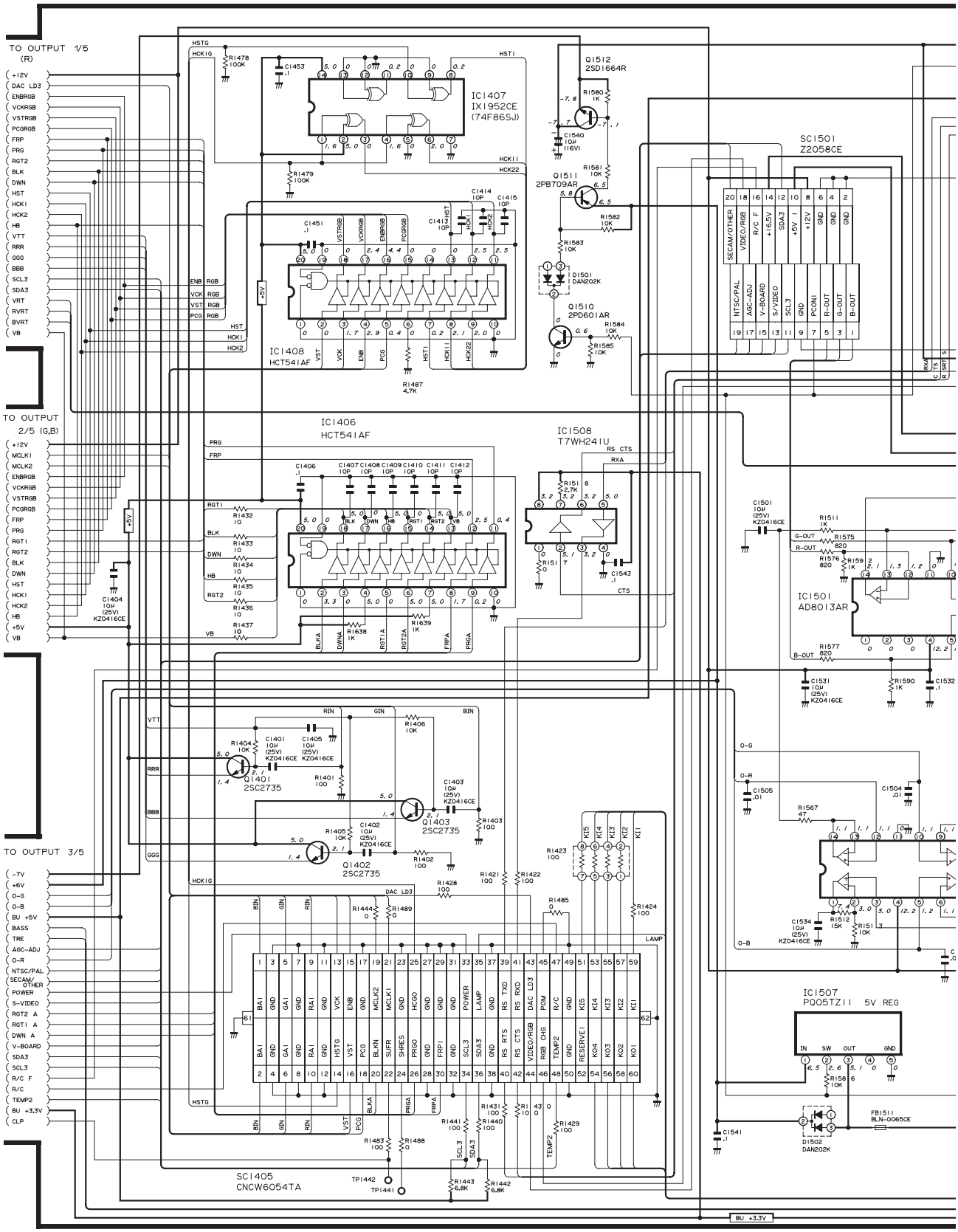
■ OUTPUT UNIT-2/5



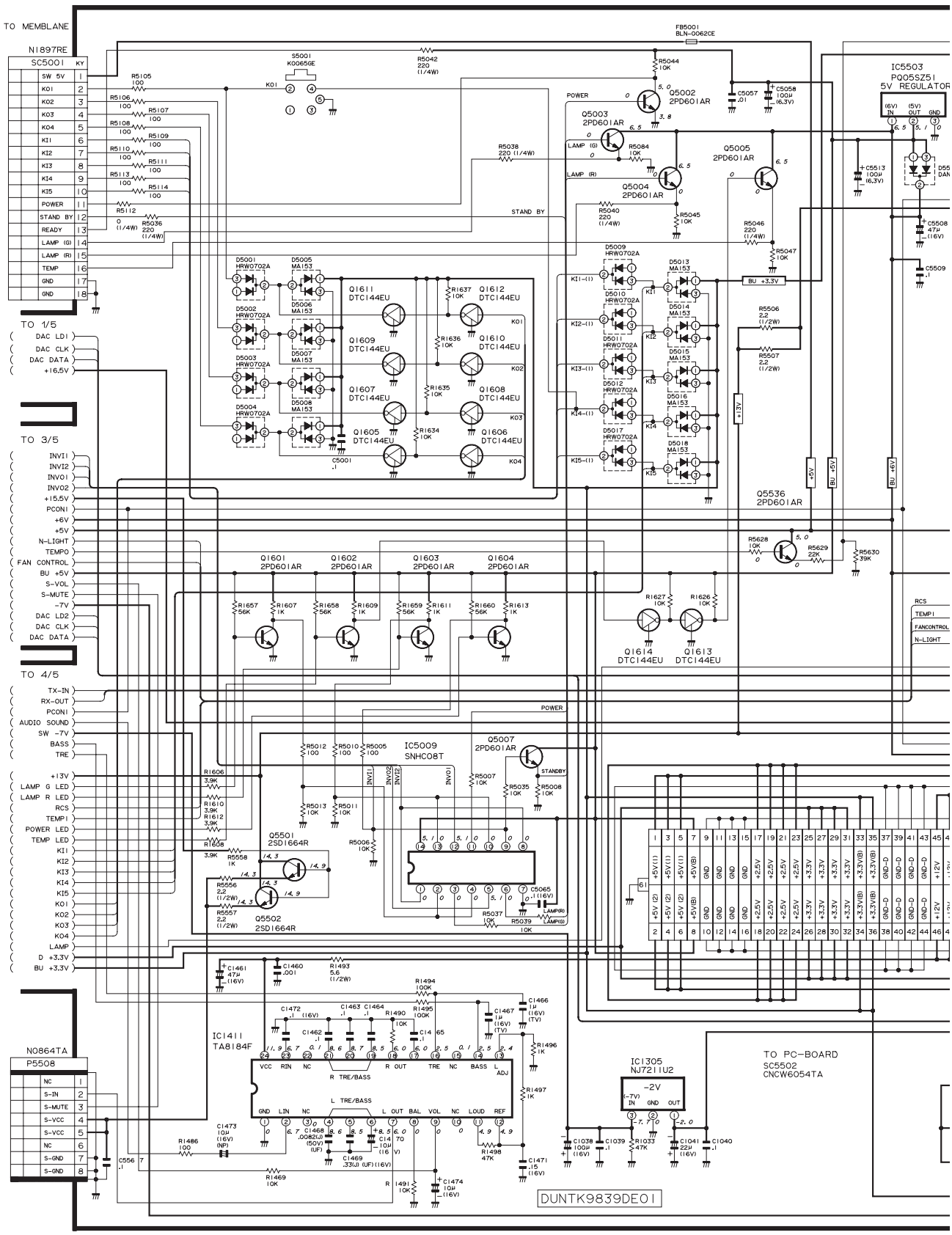
■ OUTPUT UNIT-3/5



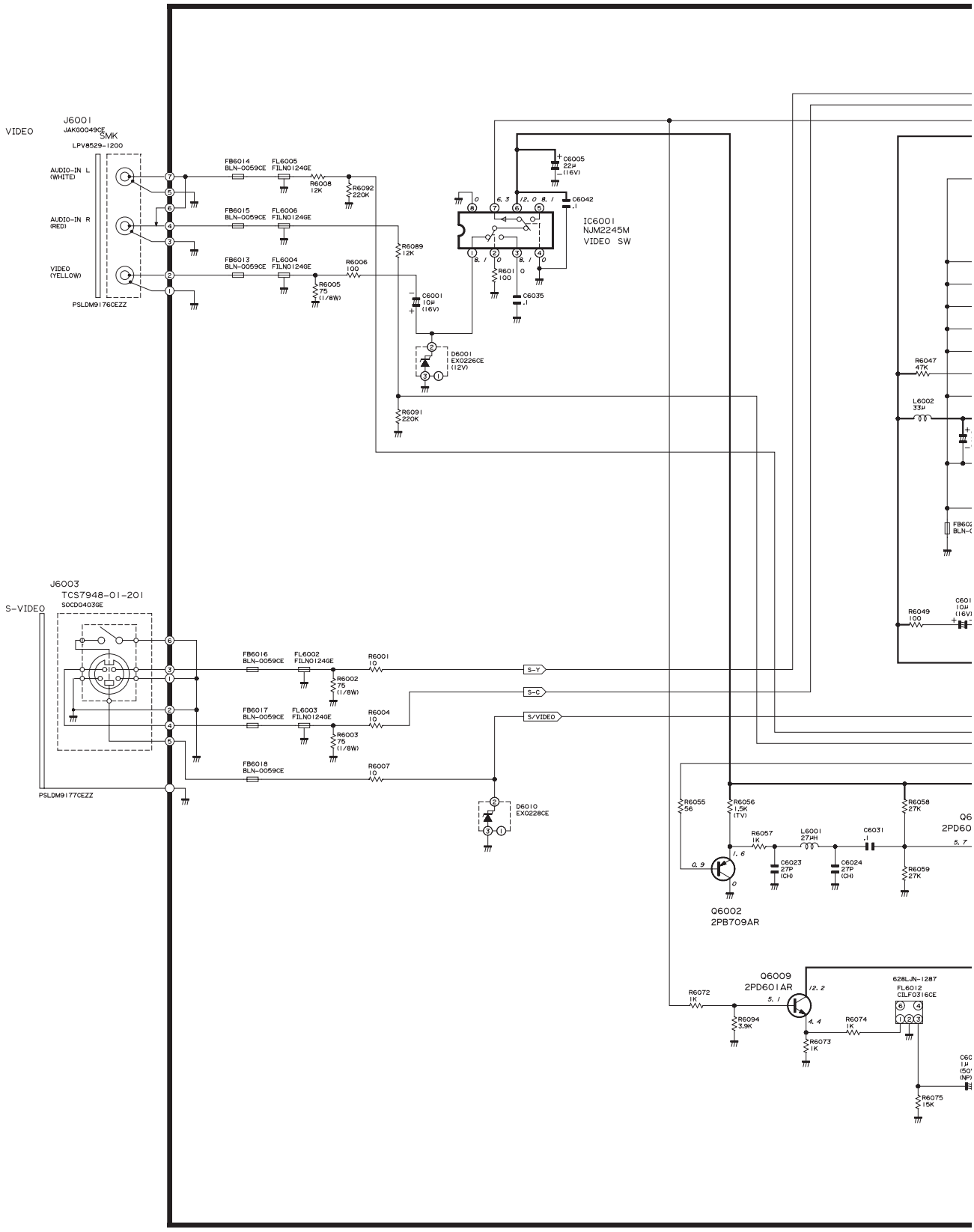
■ OUTPUT UNIT-4/5



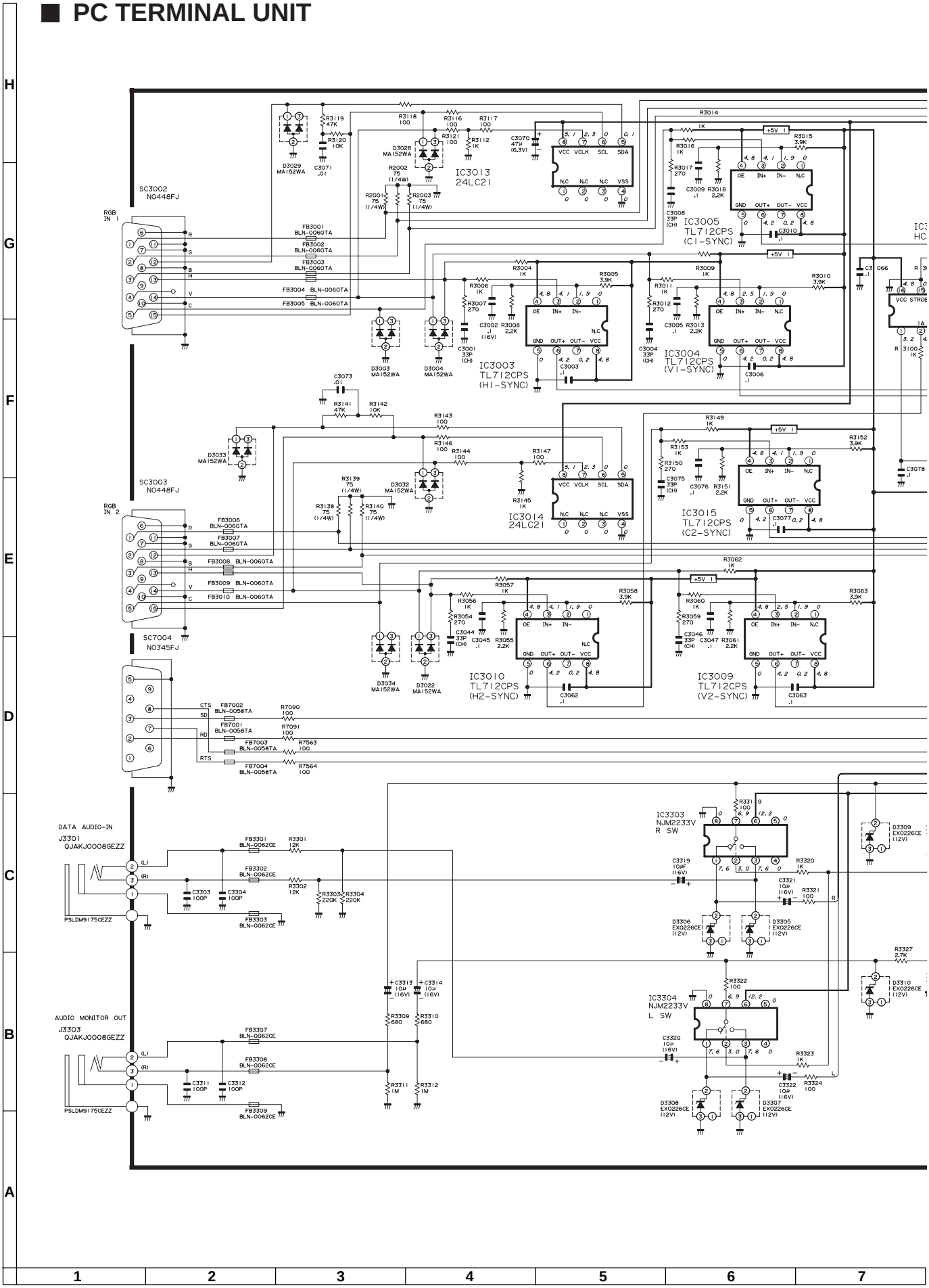
■ OUTPUT UNIT-5/5



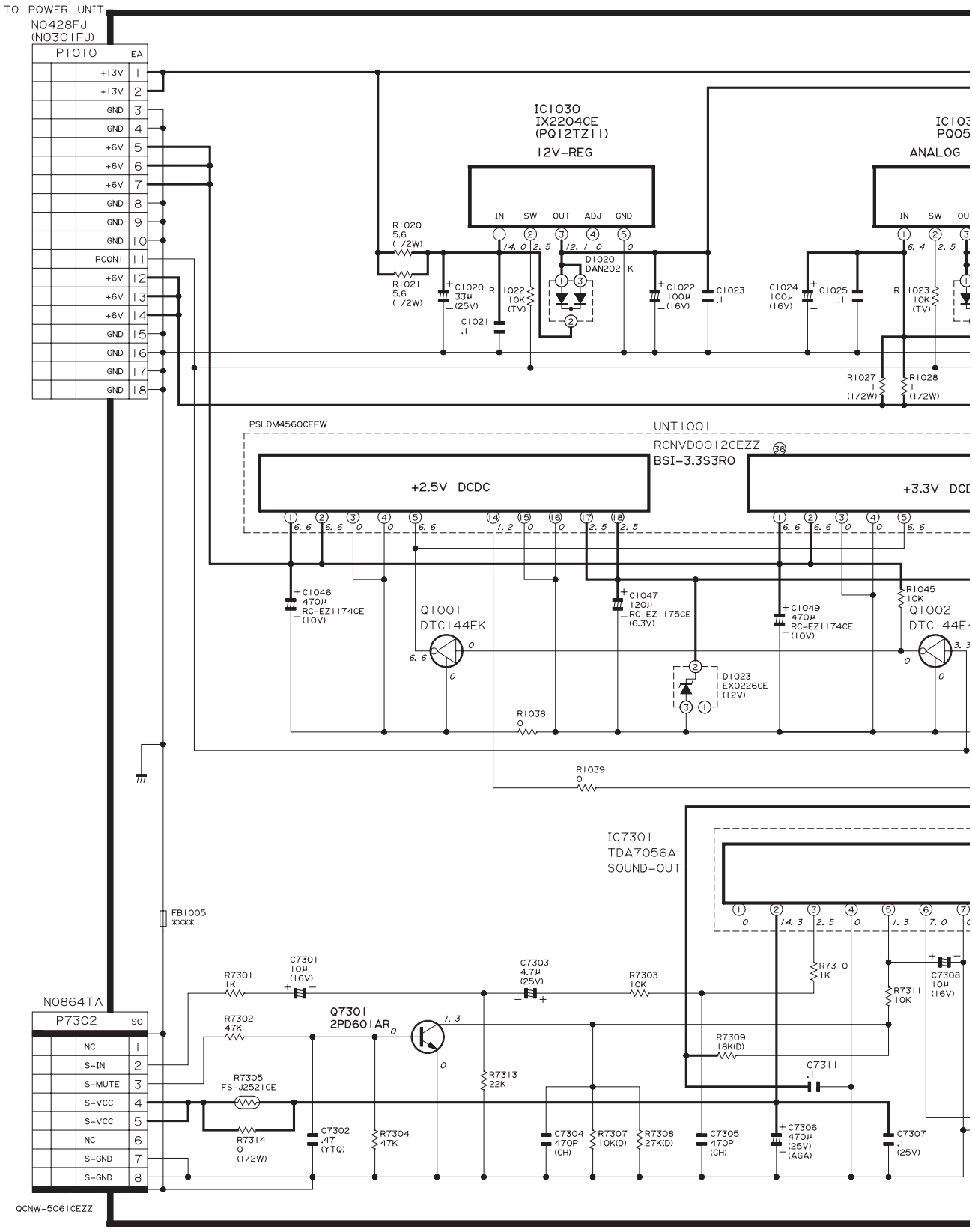
■ VIDEO UNIT


J6001
JAKG0049CE
SMK
LPV8529-1200
VIDEO
AUDIO-IN L (WHITE)
AUDIO-IN R (RED)
VIDEO (YELLOW)
PSLDM9176CEZZ
FB6014 BLN-0059CE
FL6005 FILN0124GE
R6008 12K
R6092 220K
FB6015 BLN-0059CE
FL6006 FILN0124GE
FB6013 BLN-0059CE
FL6004 FILN0124GE
R6006 100
R6005 75 (1/8W)
R6089 12K
C6001 10μ (16V)
D6001 EX0226CE (12V)
R6091 220K
C6005 22μ (16V)
C6042 .1
IC6001 NJM2245M VIDEO SW
R6011 100
C6035 .1
R6047 47K
L6002 33μ
R6049 100
J6003
TCS7948-01-201
SOCD0403GE
S-VIDEO
PSLDM9177CEZZ
FB6016 BLN-0059CE
FL6002 FILN0124GE
R6001 10
R6002 75 (1/8W)
FB6017 BLN-0059CE
FL6003 FILN0124GE
R6004 10
R6003 75 (1/8W)
FB6018 BLN-0059CE
R6007 10
S-Y
S-C
S/VIDEO
D6010 EX0228CE
R6055 56
R6056 1.5K (TV)
R6057 1K
L6001 27μH
C6031 .1
C6023 27P (CH)
C6024 27P (CH)
R6058 27K
R6059 27K
Q6002 2PB709AR
Q6009 2PD601AR
R6072 1K
R6094 3.9K
R6073 1K
R6074 1K
628LJN-1287
FL6012 CILF0316CE
R6075 15K

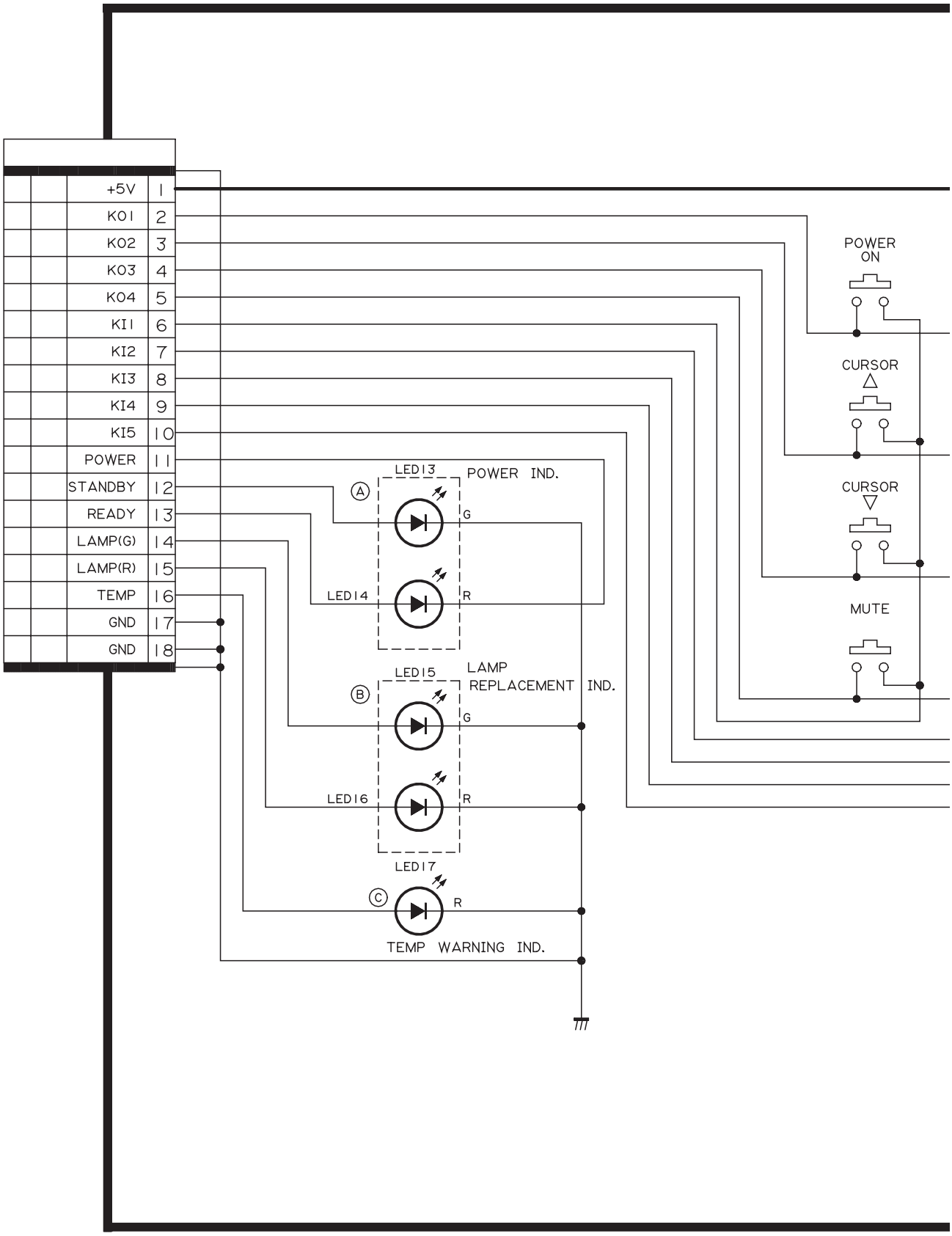
■ PC TERMINAL UNIT



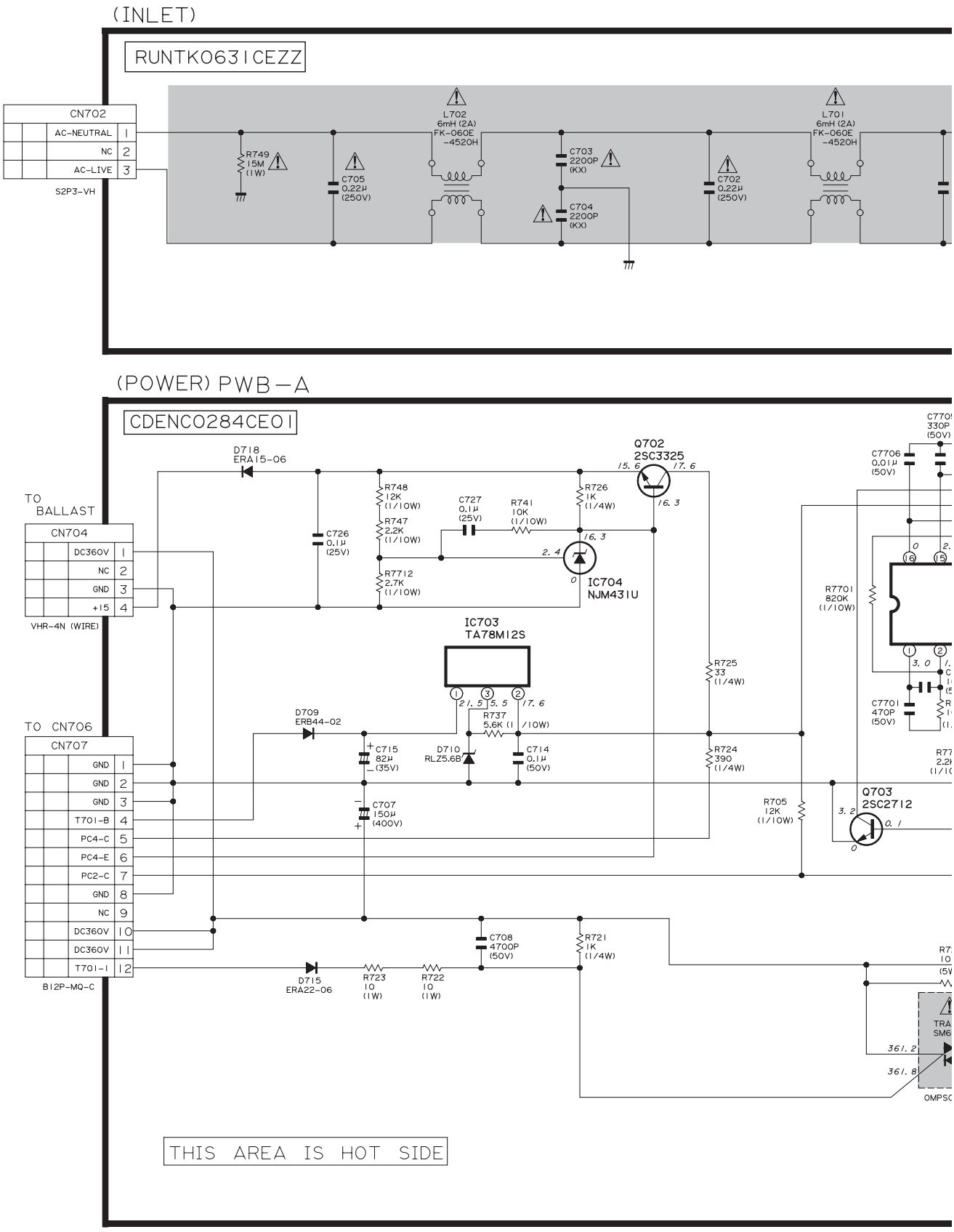
■ SOUND OUT/REGULATOR UNIT



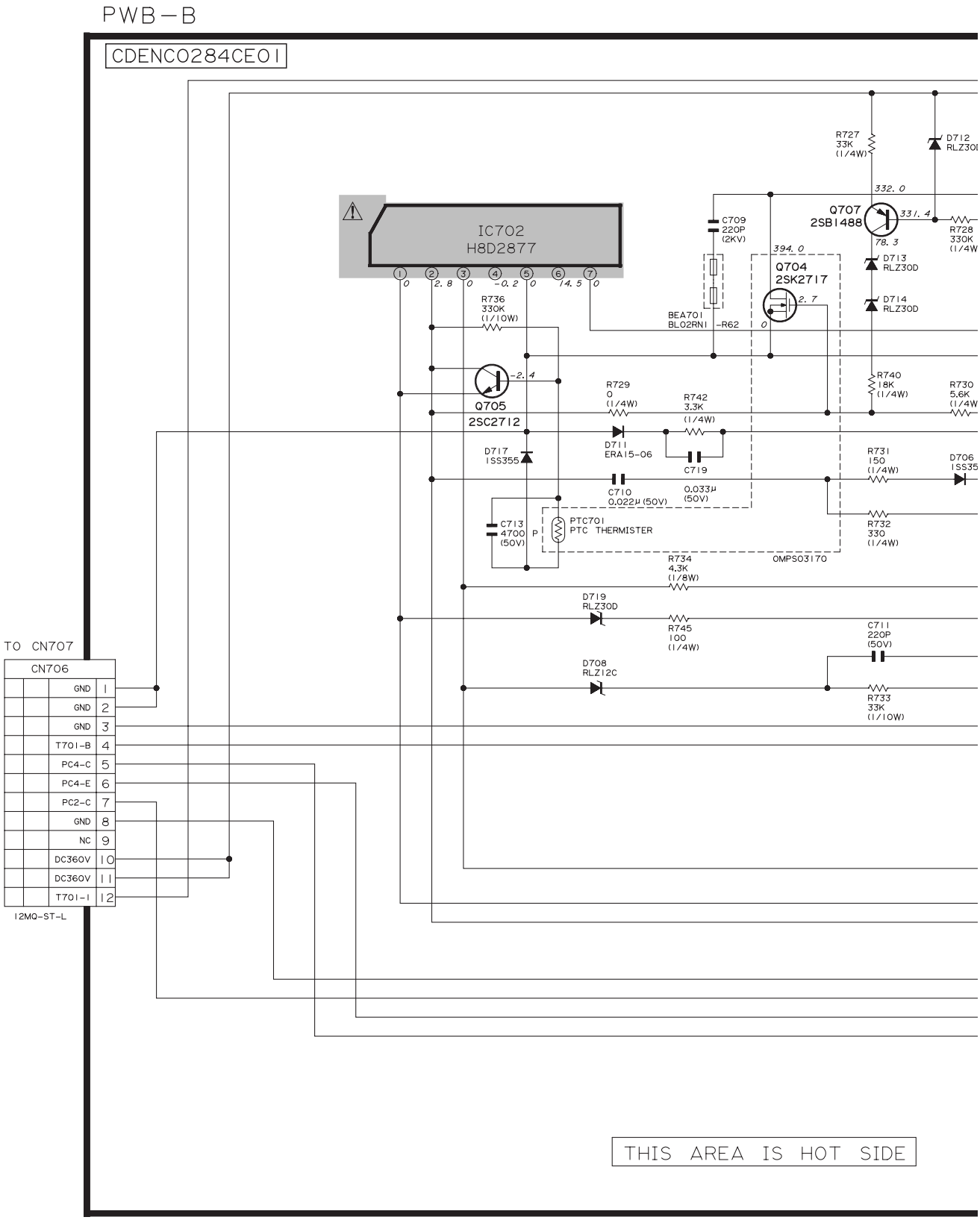
■ OPERATION KEY UNIT



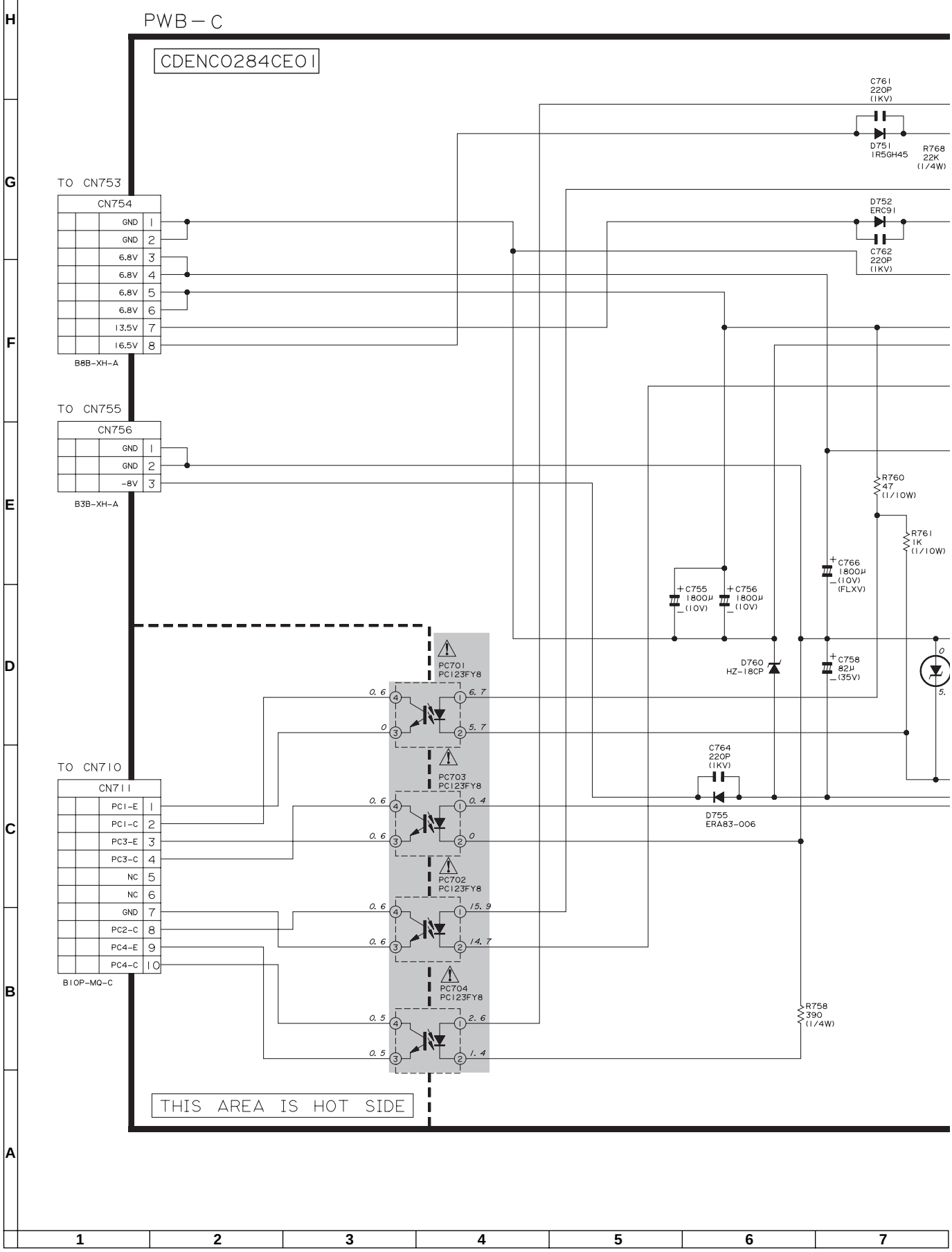
■ INLET and POWER UNIT-A



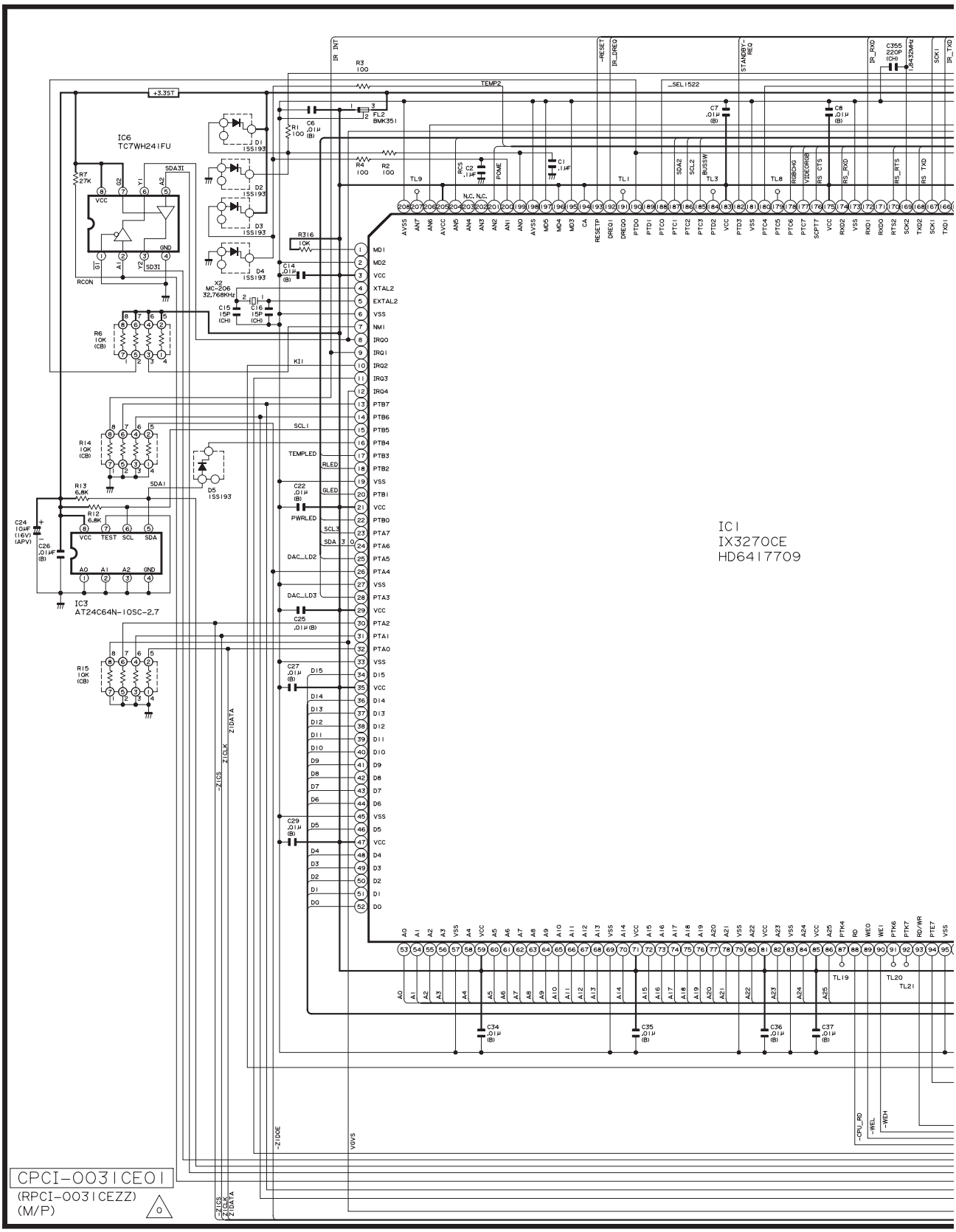
■ POWER UNIT-B


PWB−B
CDENCO284CE01
IC702
H8D2877
Q705
2SC2712
Q704
2SK2717
Q707
2SB1488
D711
ERA15-06
D717
1SS355
D719
RLZ30D
D708
RLZ12C
D712
RLZ30D
D713
RLZ30D
D714
RLZ30D
D706
1SS355
PTC701
PTC THERMISTER
OMPS03170
BEA701
BL02RN1 -R62
C709
220P
(2KV)
C710
0.022μ (50V)
C711
220P
(50V)
C713
4700P
(50V)
C719
0.033μ
(50V)
R727
33K
(1/4W)
R728
330K
(1/4W
R729
0
(1/4W)
R730
5.6K
(1/4W
R731
150
(1/4W)
R732
330
(1/4W)
R733
33K
(1/10W)
R734
4.3K
(1/8W)
R736
330K
(1/10W)
R740
18K
(1/4W)
R742
3.3K
(1/4W)
R745
100
(1/4W)
TO CN707
CN706
GND 1
GND 2
GND 3
T701-B 4
PC4-C 5
PC4-E 6
PC2-C 7
GND 8
NC 9
DC360V 10
DC360V 11
T701-I 12
12MQ-ST-L
THIS AREA IS HOT SIDE

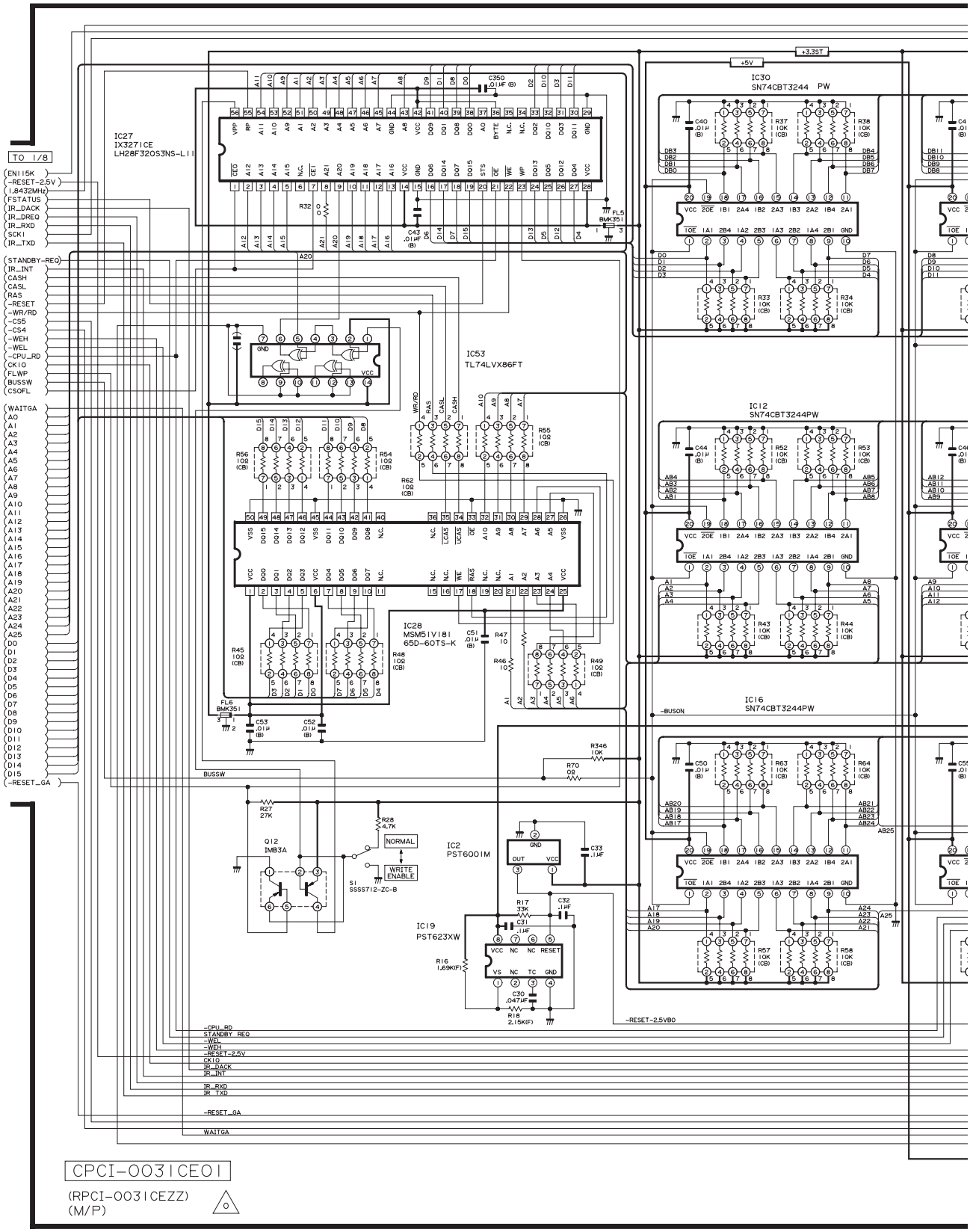
■ POWER UNIT-C


PWB－C
CDENC0284CE01
TO CN753
CN754
GND 1
GND 2
6.8V 3
6.8V 4
6.8V 5
6.8V 6
13.5V 7
16.5V 8
B8B-XH-A
TO CN755
CN756
GND 1
GND 2
-8V 3
B3B-XH-A
TO CN710
CN711
PC1-E 1
PC1-C 2
PC3-E 3
PC3-C 4
NC 5
NC 6
GND 7
PC2-C 8
PC4-E 9
PC4-C 10
B10P-MQ-C
C761 220P (1KV)
D751 1R5GH45
R768 22K (1/4W)
D752 ERC91
C762 220P (1KV)
R760 47 (1/10W)
R761 1K (1/10W)
C755 1800μ (10V)
C756 1800μ (10V)
C766 1800μ (10V) (FLXV)
D760 HZ-18CP
C758 82μ (35V)
C764 220P (1KV)
D755 ERA83-006
R758 390 (1/4W)
PC701 PC123FY8
PC703 PC123FY8
PC702 PC123FY8
PC704 PC123FY8
THIS AREA IS HOT SIDE

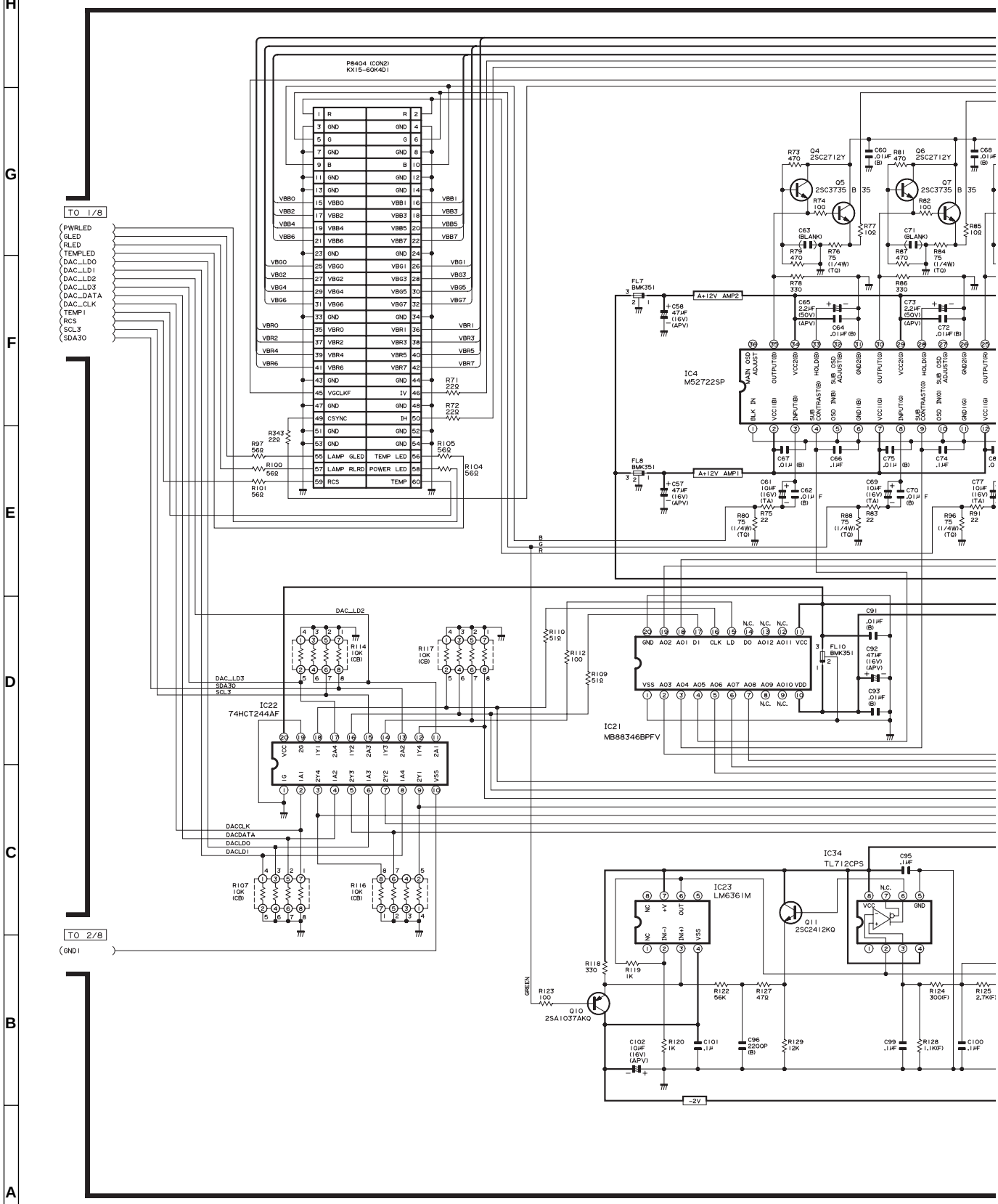
■ PC I/F UNIT-1/8


IC1
IX3270CE
HD6417709
IC6
TC7WH241FU
IC3
AT24C64N-10SC-2.7
X2
MC-306
32.768KHz
CPCI-0031CE01
(RPCI-0031CEZZ)
(M/P)

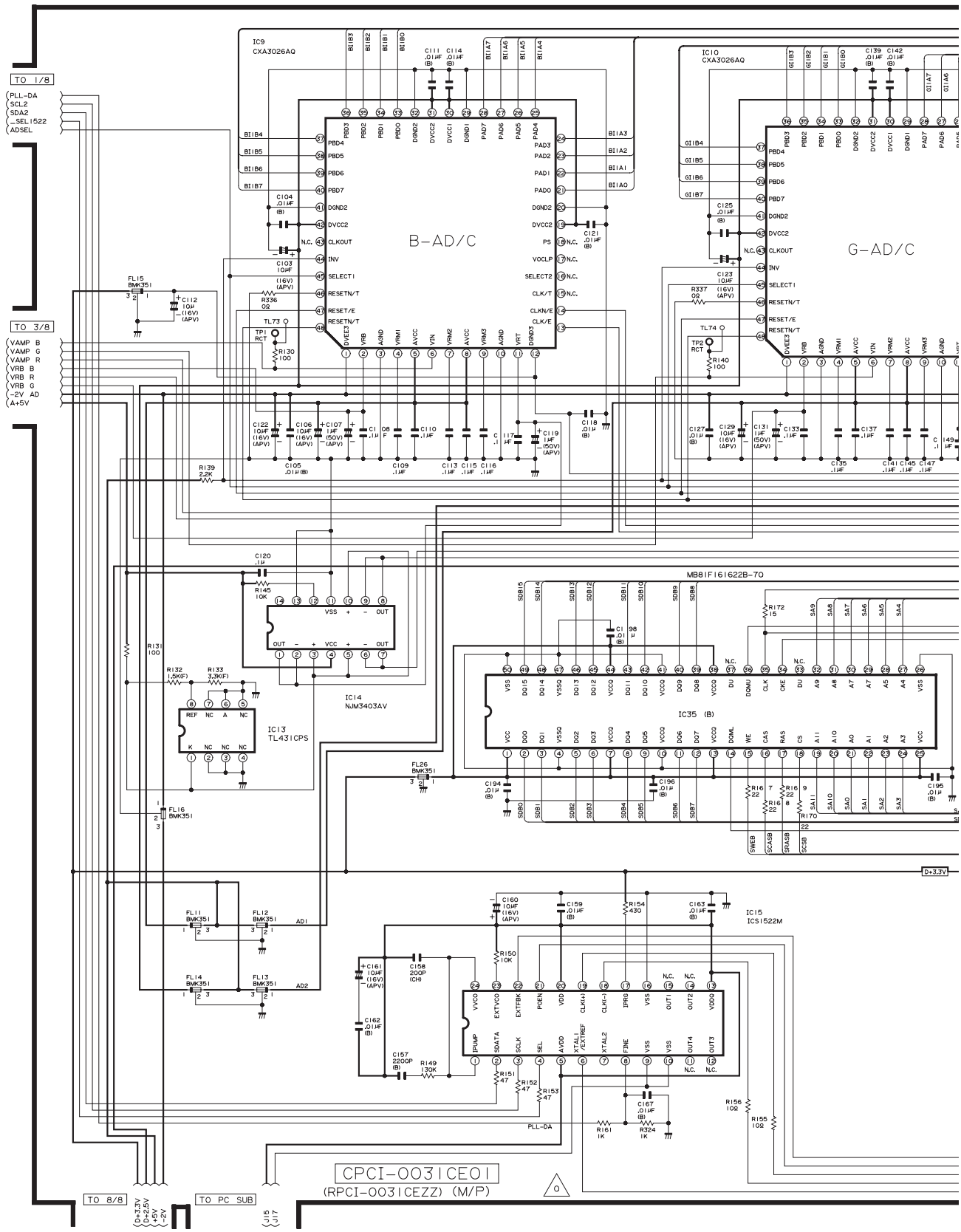
■ PC I/F UNIT-2/8


IC27
IX3271CE
LH28F320S3NS-L11
IC53
TL74LVX86FT
IC28
MSM51V181
65D-60TS-K
IC30
SN74CBT3244 PW
IC12
SN74CBT3244PW
IC16
SN74CBT3244PW
IC2
PST6001M
IC19
PST623XW
Q12
1MB3A
S1
SSSS712-ZC-B
NORMAL
WRITE ENABLE
+5V
+3.3ST
TO 1/8
ENI15K
-RESET-2.5V
14.8432MHz
FSTATUS
IR_DACK
IR_DREQ
IR_RXD
SCK1
IR_TXD
STANDBY-REQ
IR_INT
CASH
CASL
RAS
-RESET
-WR/RD
-CS5
-CS4
-WEH
-WEL
-CPU_RD
CK10
FLWP
BUSSW
CSOFL
WAITGA
-RESET_GA
-BUSON
-RESET-2.5VB0
CPCI-0031CE01
(RPCI-0031CEZZ)
(M/P)

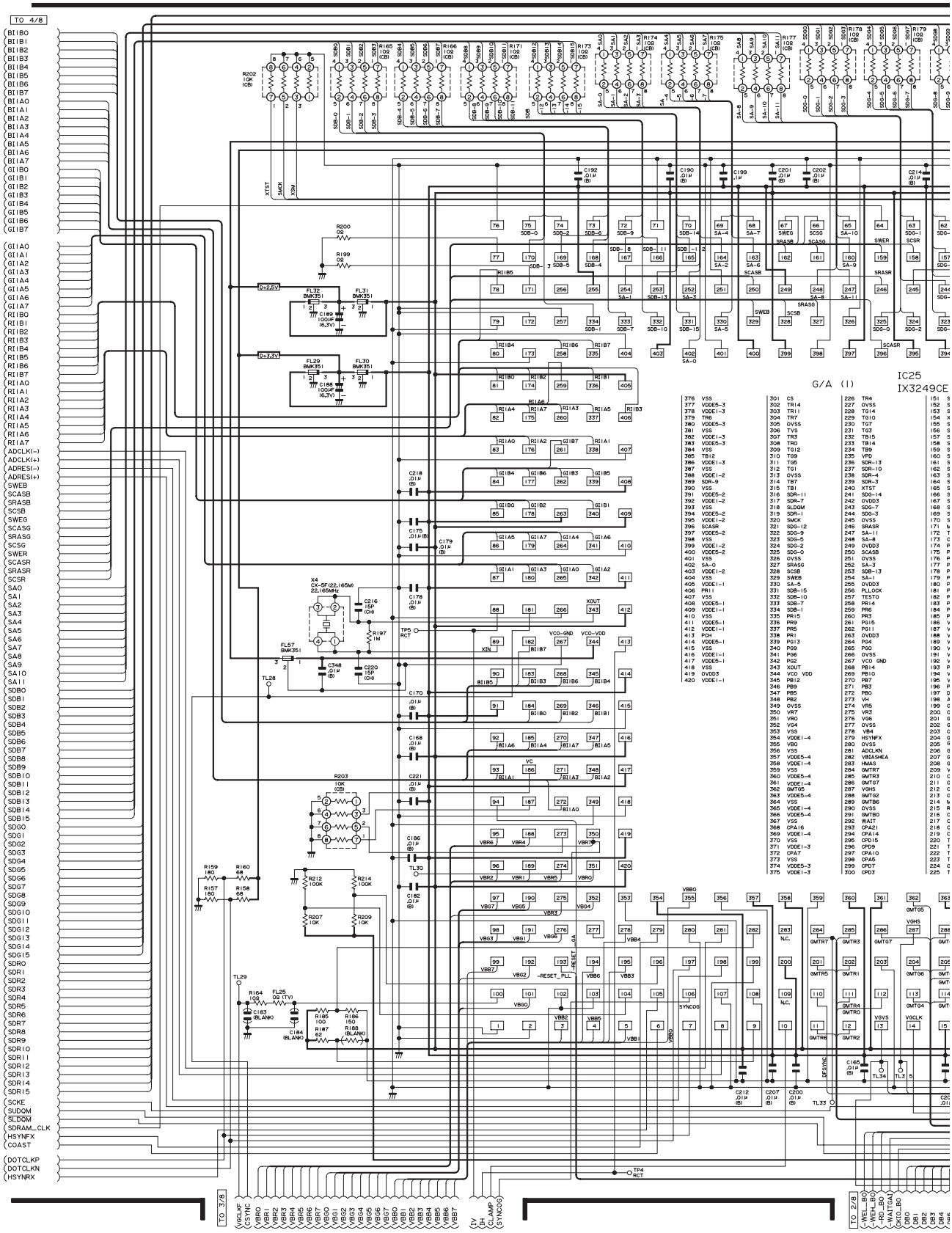
■ PC I/F UNIT-3/8


P8404 (CON2)
KX15-60K4D1
TO 1/8
TO 2/8
PWRLED
GLED
RLED
TEMPLED
DAC_LD0
DAC_LD1
DAC_LD2
DAC_LD3
DAC_DATA
DAC_CLK
TEMP1
RCS
SCL3
SDA30
GND1
IC4
M52722SP
A+12V AMP2
A+12V AMP1
IC21
MB88346BPFV
IC22
74HCT244AF
IC23
LM6361M
IC34
TL712CPS
Q4 2SC2712Y
Q5 2SC3735 B 35
Q6 2SC2712Y
Q7 2SC3735 B 35
Q10 2SA1037AKQ
Q11 2SC2412KQ
DACCLK
DACDATA
DACLD0
DACLD1
-2V

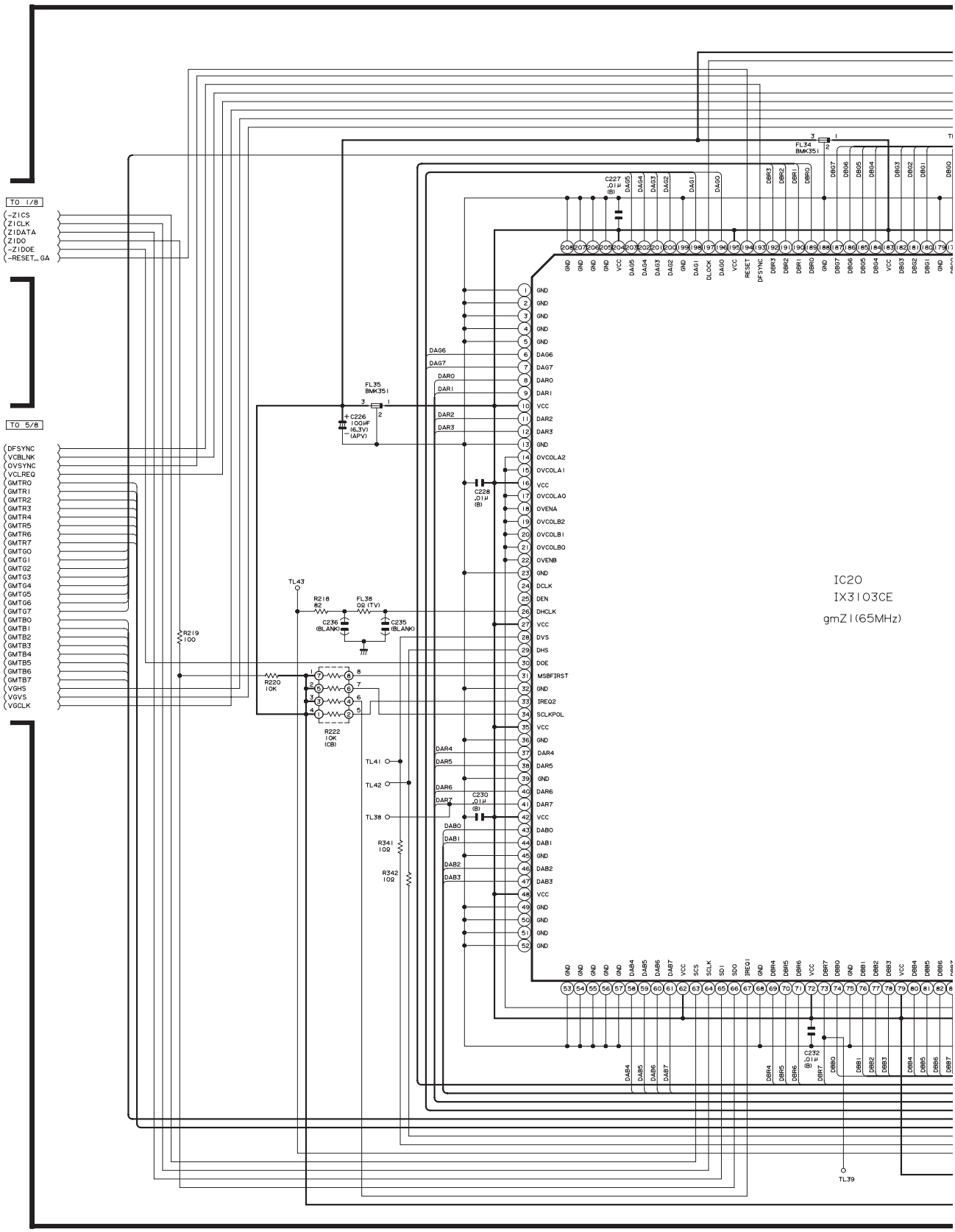
■ PC I/F UNIT-4/8


IC9
CXA3026AQ
B-AD/C
IC10
CXA3026AQ
G-AD/C
TO 1/8
PLL-DA
SCL2
SDA2
_SEL1522
ADSEL
TO 3/8
VAMP B
VAMP G
VAMP R
VRB B
VRB R
VRB G
-2V AD
A+5V
IC14
NJM3403AV
IC13
TL431CPS
MB81F161622B-70
IC35 (B)
IC15
ICS1522M
CPCI-0031CE01
(RPCI-0031CEZZ) (M/P)
TO 8/8
TO PC SUB
D+3.3V

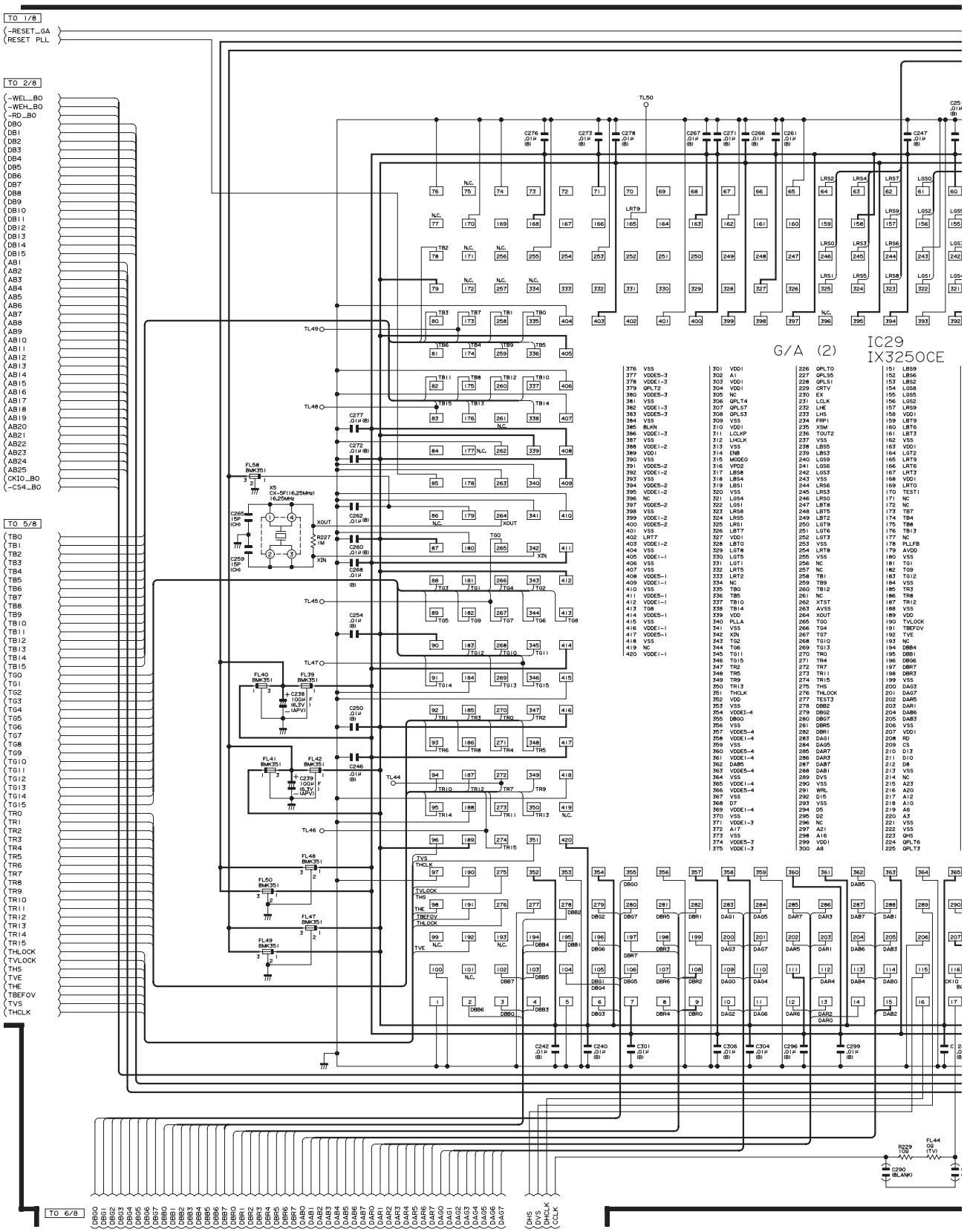
■ PC I/F UNIT-5/8



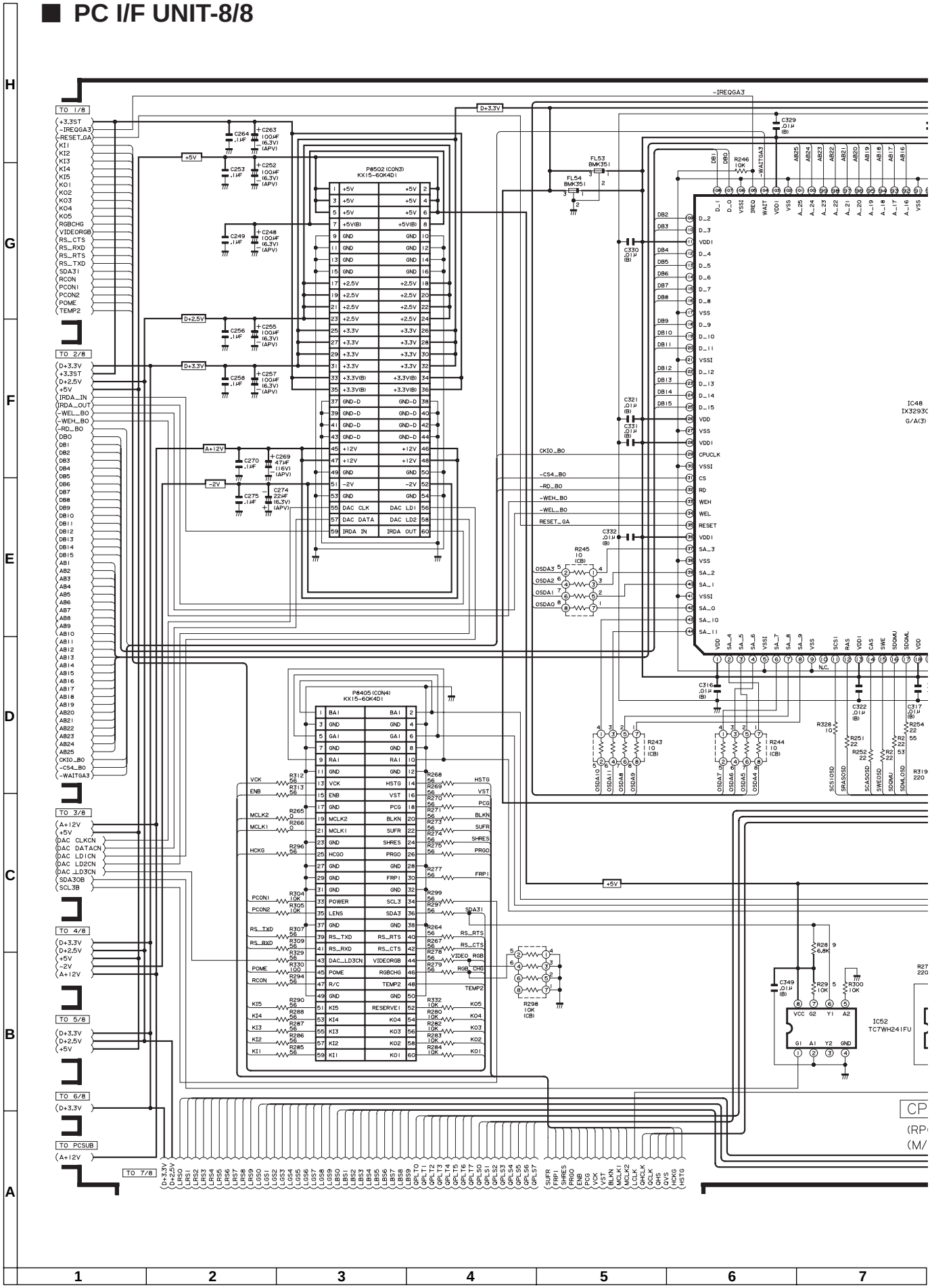
■ PC I/F UNIT-6/8


TO 1/8
-ZICS
ZICLK
ZIDATA
ZIDO
-ZIDOE
-RESET_GA
TO 5/8
DFSYNC
VCBLNK
OVSYNC
VCLREQ
GMTR0
GMTR1
GMTR2
GMTR3
GMTR4
GMTR5
GMTR6
GMTR7
GMTG0
GMTG1
GMTG2
GMTG3
GMTG4
GMTG5
GMTG6
GMTG7
GMTB0
GMTB1
GMTB2
GMTB3
GMTB4
GMTB5
GMTB6
GMTB7
VGHS
VGVS
VGCLK
IC20
IX3103CE
gmZ1(65MHz)
FL34 BMK351
FL35 BMK351
FL38 0Ω (TV)
C227 .01μ (B)
C226 100μF (6.3V) (APV)
C228 .01μ (B)
C230 .01μ (B)
C232 .01μ (B)
C236 (BLANK)
C235 (BLANK)
R218 82
R219 100
R220 10K
R222 10K (CB)
R341 10Ω
R342 10Ω
TL43
TL41
TL42
TL38
TL39

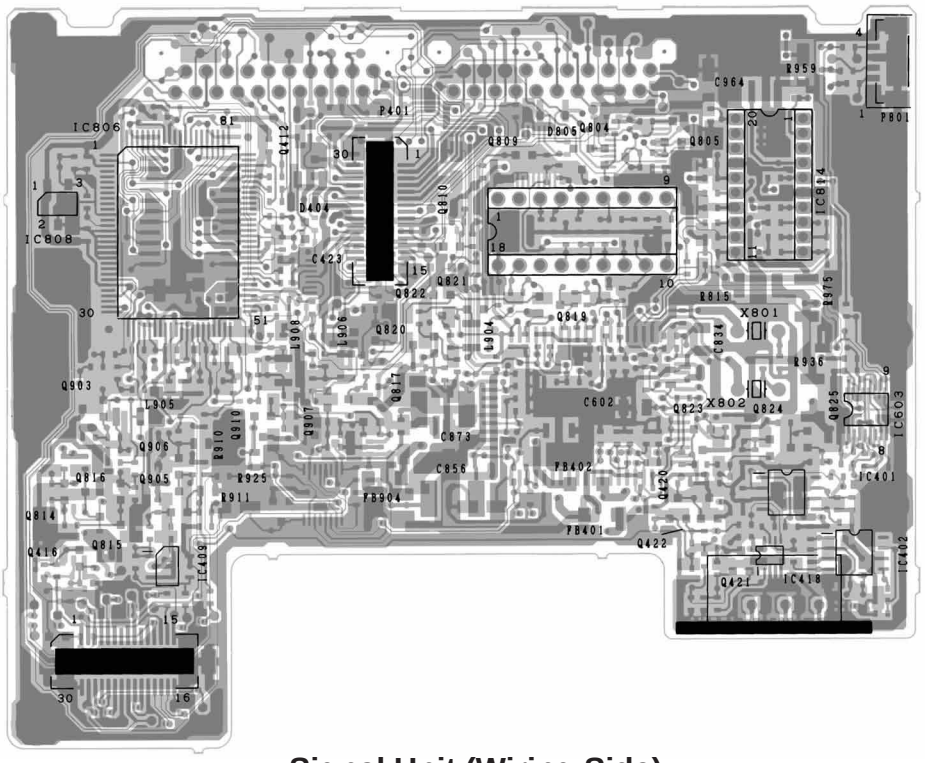
■ PC I/F UNIT-7/8


TO 1/8
-RESET_GA
RESET PLL
TO 2/8
-WEL_BO
-WEH_BO
-RD_BO
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
DB8
DB9
DB10
DB11
DB12
DB13
DB14
DB15
AB1
AB2
AB3
AB4
AB5
AB6
AB7
AB8
AB9
AB10
AB11
AB12
AB13
AB14
AB15
AB16
AB17
AB18
AB19
AB20
AB21
AB22
AB23
AB24
AB25
CKIO_BO
-CS4_BO
TO 5/8
TB0
TB1
TB2
TB3
TB4
TB5
TB6
TB7
TB8
TB9
TB10
TB11
TB12
TB13
TB14
TB15
TG0
TG1
TG2
TG3
TG4
TG5
TG6
TG7
TG8
TG9
TG10
TG11
TG12
TG13
TG14
TG15
TR0
TR1
TR2
TR3
TR4
TR5
TR6
TR7
TR8
TR9
TR10
TR11
TR12
TR13
TR14
TR15
THLOCK
TVLOCK
THS
TVE
THE
TBEFOV
TVS
THCLK
TO 6/8
G/A (2)
IC29
IX3250CE
TL50
TL49
TL48
TL45
TL47
TL44
TL46
FL58 BMK351
FL40 BMK351
FL39 BMK351
FL41 BMK351
FL42 BMK351
FL48 BMK351
FL50 BMK351
FL47 BMK351
FL49 BMK351
X5 CX-5F(16.25MHz 16.25MHz)
XOUT
XIN
R227 1M
C265 15P (CH)
C259 15P (CH)
C238 100μF (6.3V) (APV)
C239 100μF (6.3V) (APV)
R229 100
FL44 0Ω (TV)
C290 (BLANK)

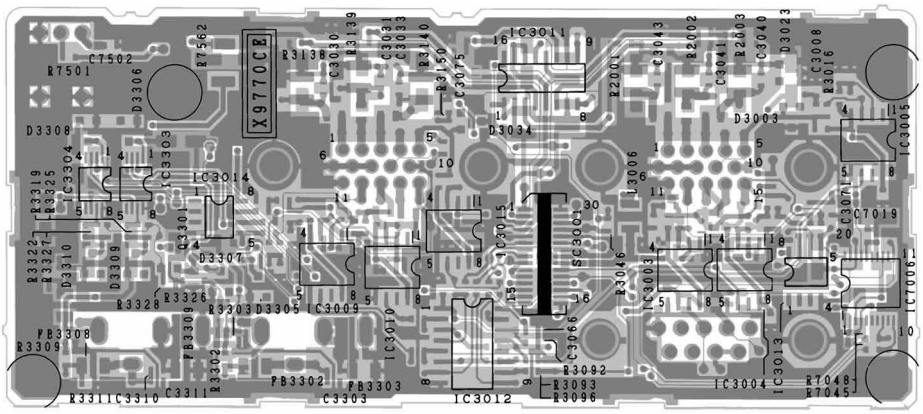
■ PC I/F UNIT-8/8


TO 1/8
TO 2/8
TO 3/8
TO 4/8
TO 5/8
TO 6/8
TO PCSUB
TO 7/8
P8502 (CON3)
KX15-60K4D1
P8405 (CON4)
KX15-60K4D1
IC48
IX3293C
G/A(3)
IC52
TC7WH241FU
+3.3ST
-IREQGA3
-RESET_GA
KI1
KI2
KI3
KI4
KI5
KO1
KO2
KO3
KO4
KO5
RGBCHG
VIDEORGB
RS_CTS
RS_RXD
RS_RTS
RS_TXD
SDA31
RCON
PCON1
PCON2
POME
TEMP2
D+3.3V
D+2.5V
+5V
A+12V
-2V
IRDA_IN
IRDA_OUT
-WEL_BO
-WEH_BO
-RD_BO
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
DB8
DB9
DB10
DB11
DB12
DB13
DB14
DB15
AB1
AB2
AB3
AB4
AB5
AB6
AB7
AB8
AB9
AB10
AB11
AB12
AB13
AB14
AB15
AB16
AB17
AB18
AB19
AB20
AB21
AB22
AB23
AB24
AB25
CKIO_BO
-CS4_BO
-WAITGA3
+3.3V
+2.5V
DAC_CLKCN
DAC_DATACN
DAC_LD1CN
DAC_LD2CN
DAC_LD3CN
SDA33B
SCL33B
-CS4_BO
-RD_BO
-WEH_BO
-WEL_BO
RESET_GA
VCK
ENB
MCLK2
MCLK1
HCKG
PCON1
PCON2
RS_TXD
RS_RXD
POME
RCON
KI5
KI4
KI3
KI2
KI1
HSTG
VST
PCG
BLKN
SUFR
SHRES
PRGO
FRP1
SDA3I
RS_RTS
RS_CTS
VIDEO_RGB
RGB_CHG
TEMP2
KO5
KO4
KO3
KO2
KO1
SCS1OSD
SRASOSD
SCASOSD
SWEOSD
SDQMU
SDQML OSD
OSDA10
OSDA11
OSDA8
OSDA9
OSDA7
OSDA6
OSDA5
OSDA4
OSDA3
OSDA2
OSDA1
OSDA0

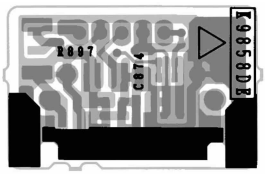
PRINTED WIRING BOARD ASSEMBLIES



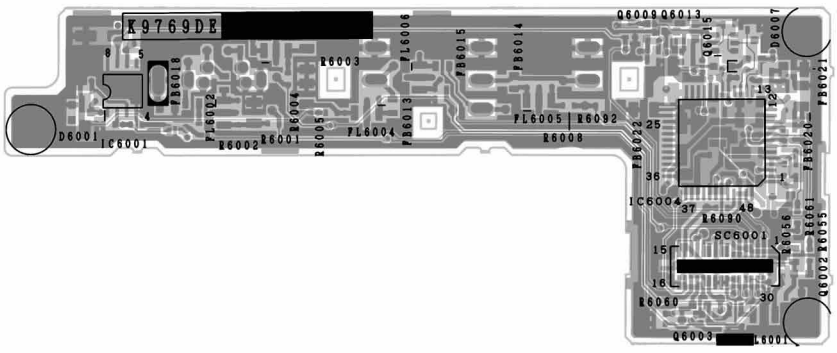
Signal Unit (Wiring Side)



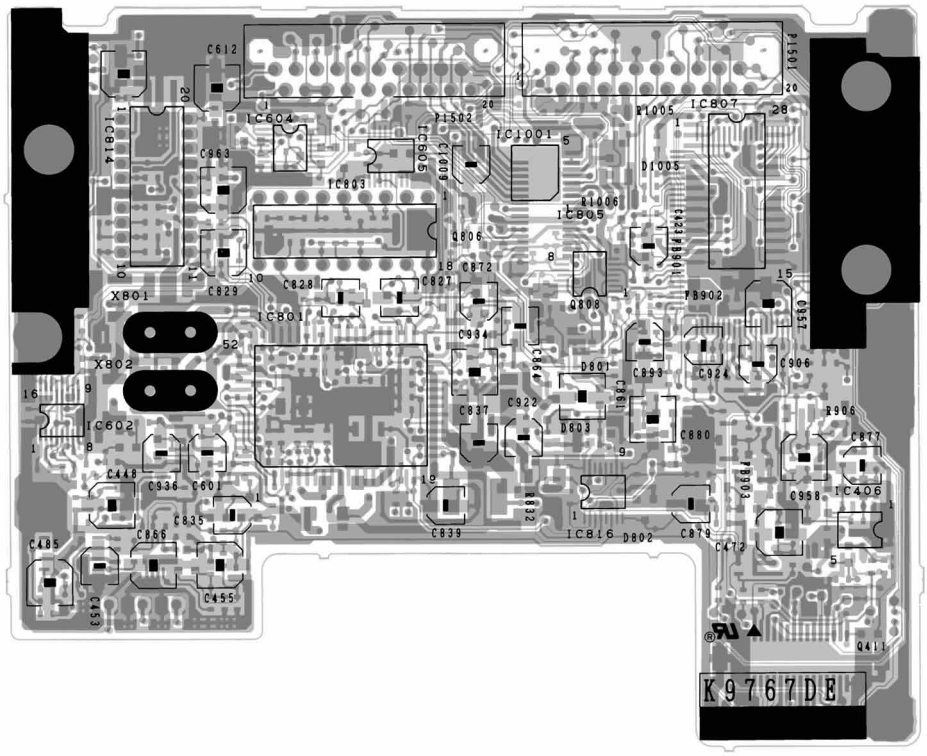
PC Terminal Unit (Wiring Side)



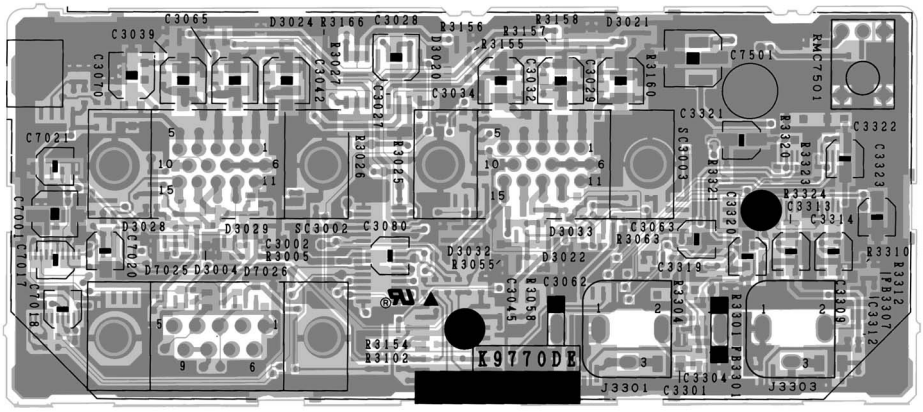
IR-DA Unit (Wiring Side)



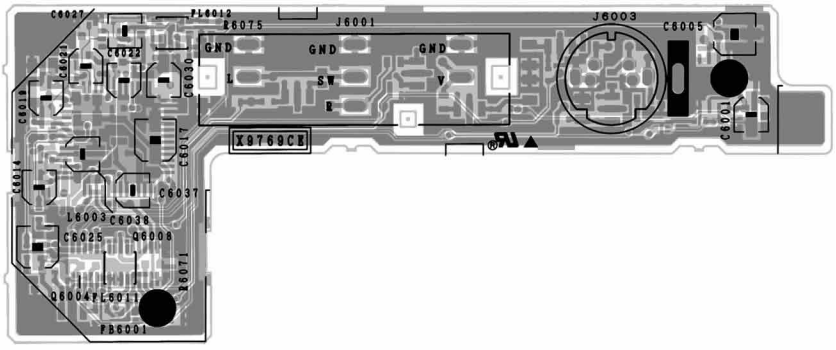
Video Unit (Wiring Side)



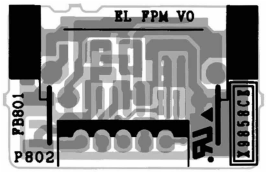
Signal Unit (Component Side)



PC Terminal Unit (Component Side)

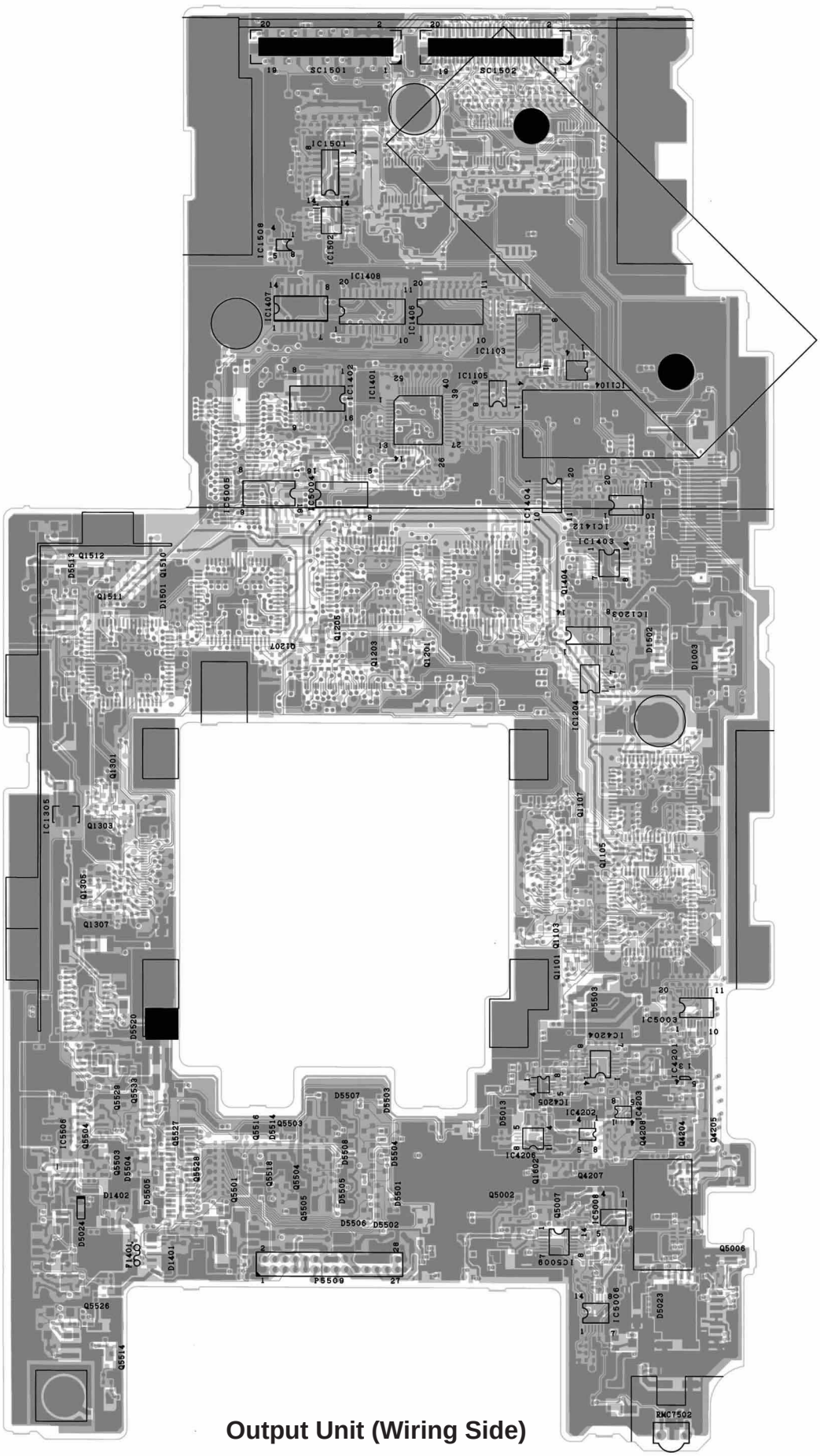


Video Unit (Component Side)

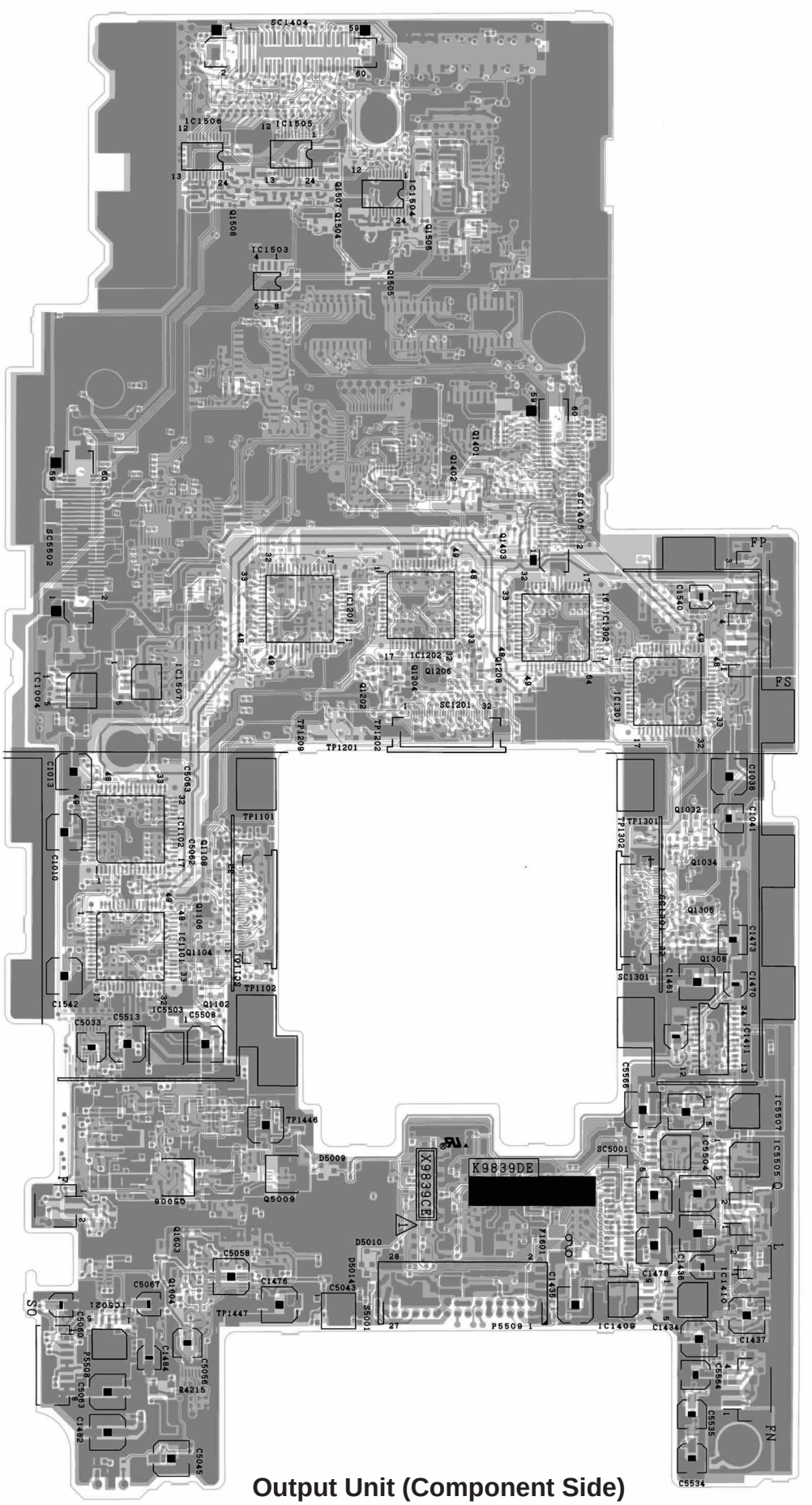


IR-DA Unit (Component Side)

7	8	9	10	11	12	13

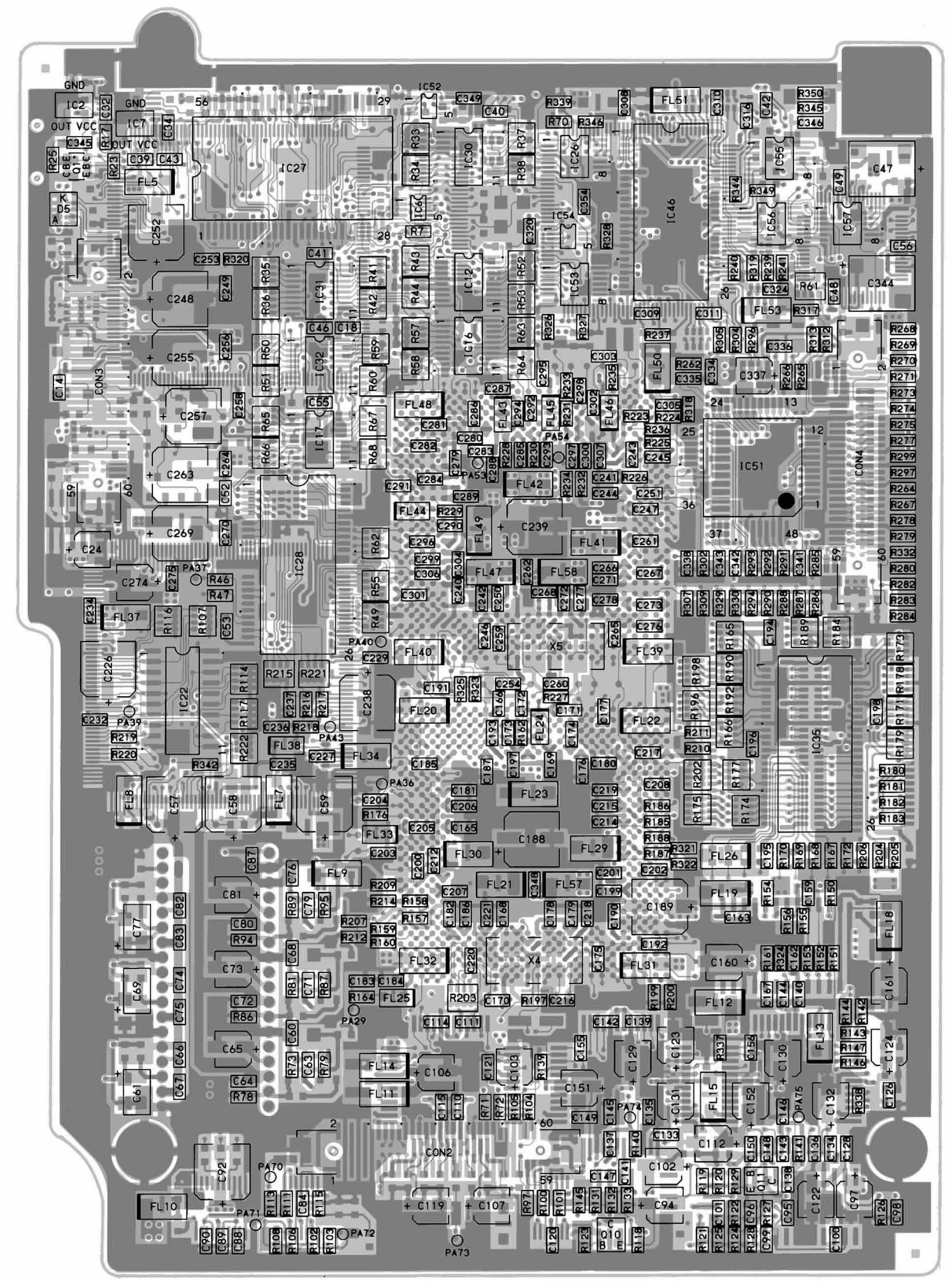


Output Unit (Wiring Side)

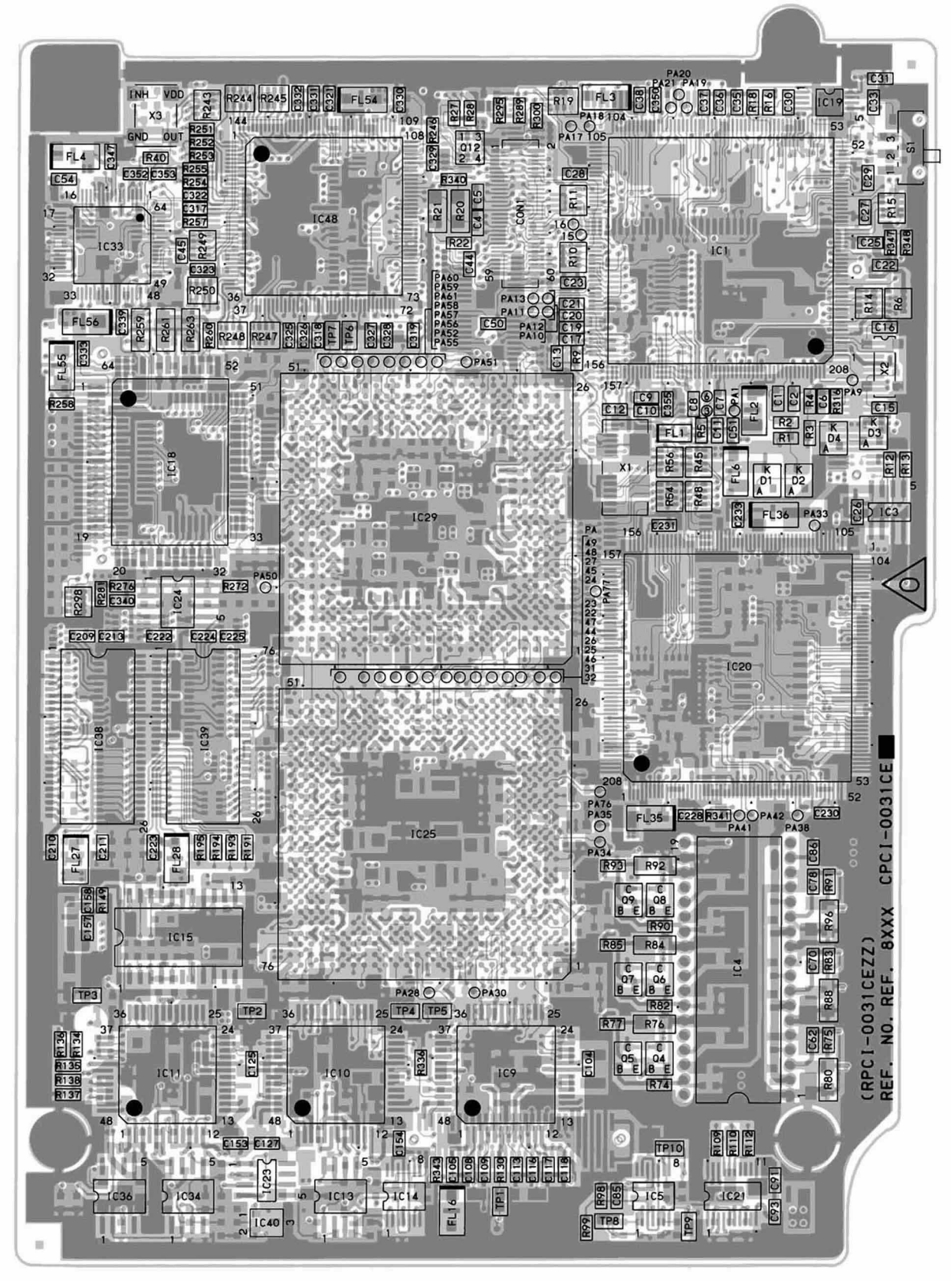


Output Unit (Component Side)

7	8	9	10	11	12	13

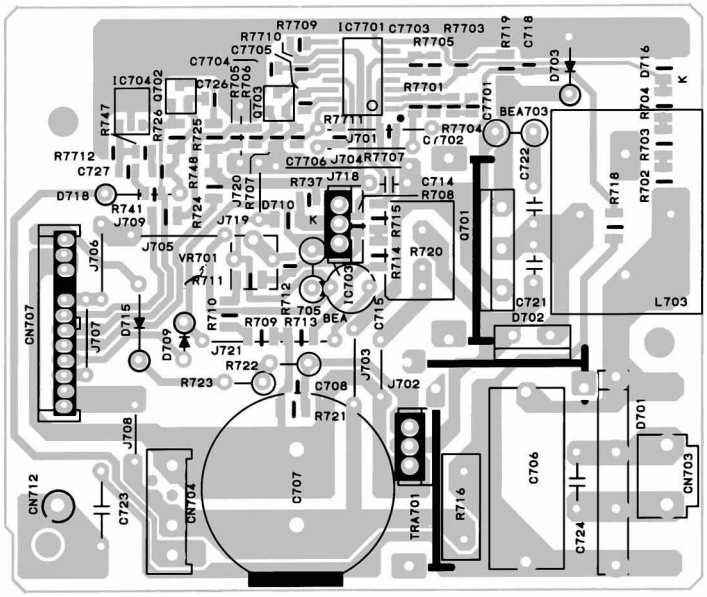


PC I/F Unit (Wiring Side)

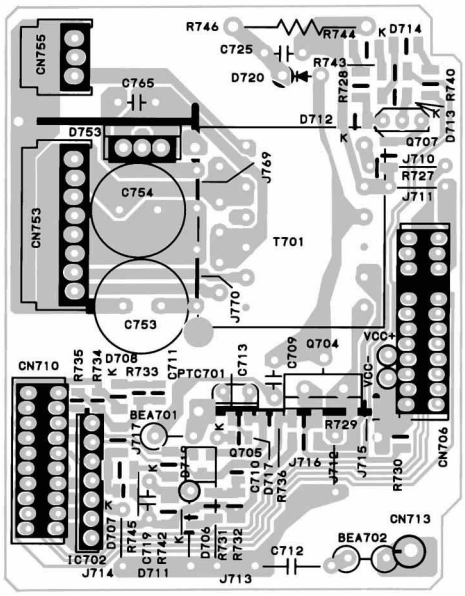


PC I/F Unit (Component Side)

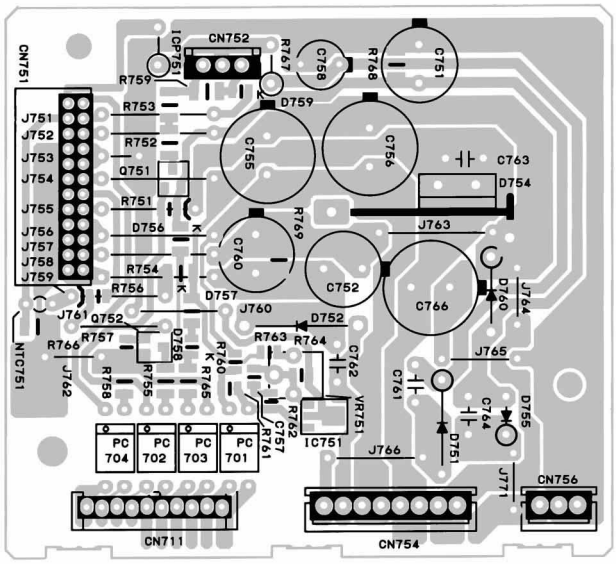
7	8	9	10	11	12	13



PWB-A

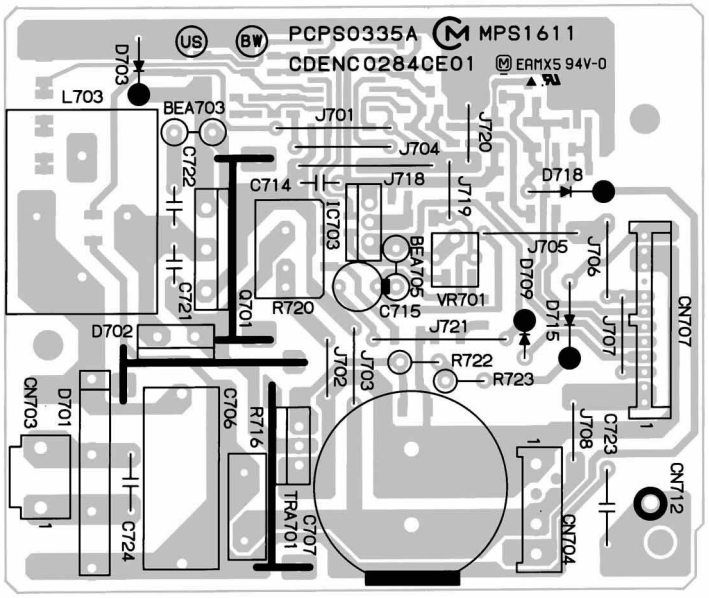


PWB-B

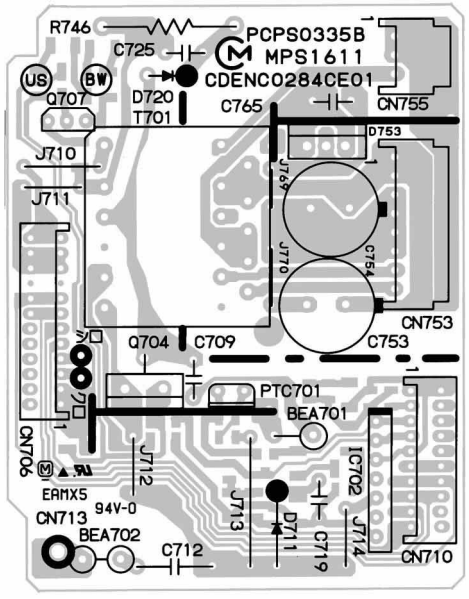


PWB-C

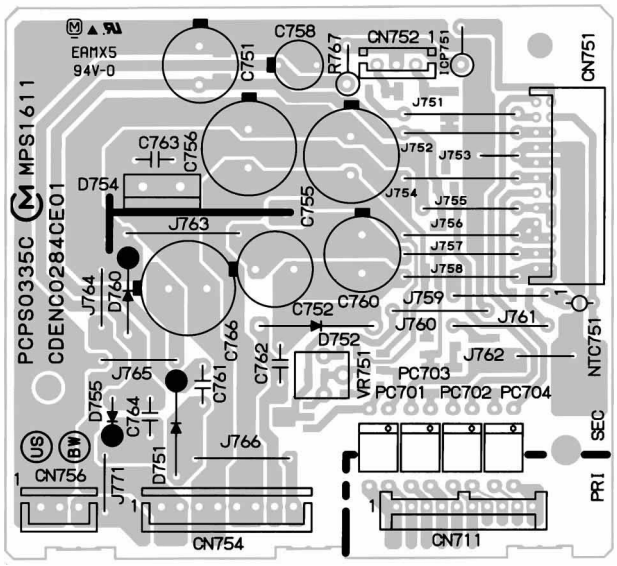
Power Unit (Wiring Side)



PWB-A



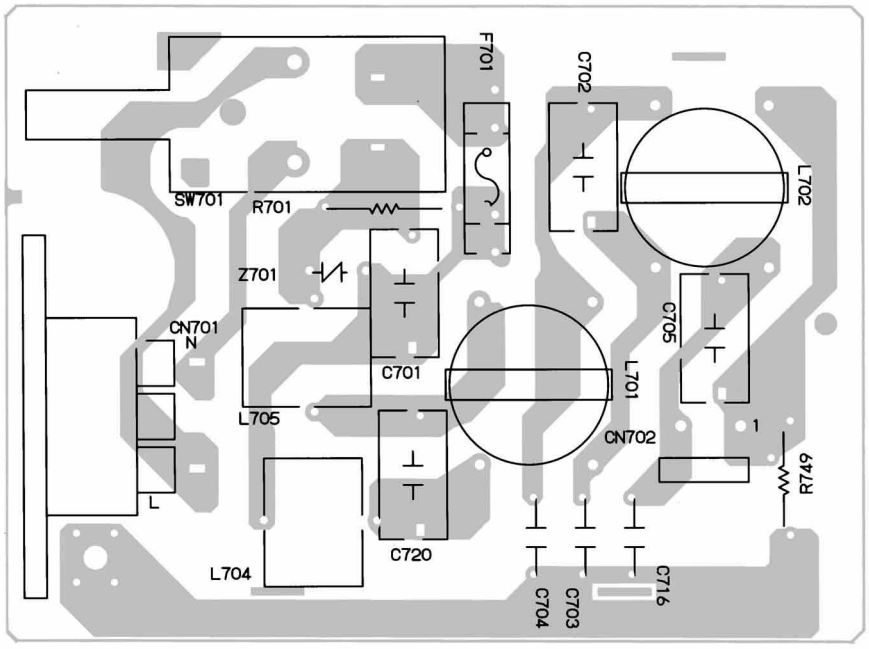
PWB-B



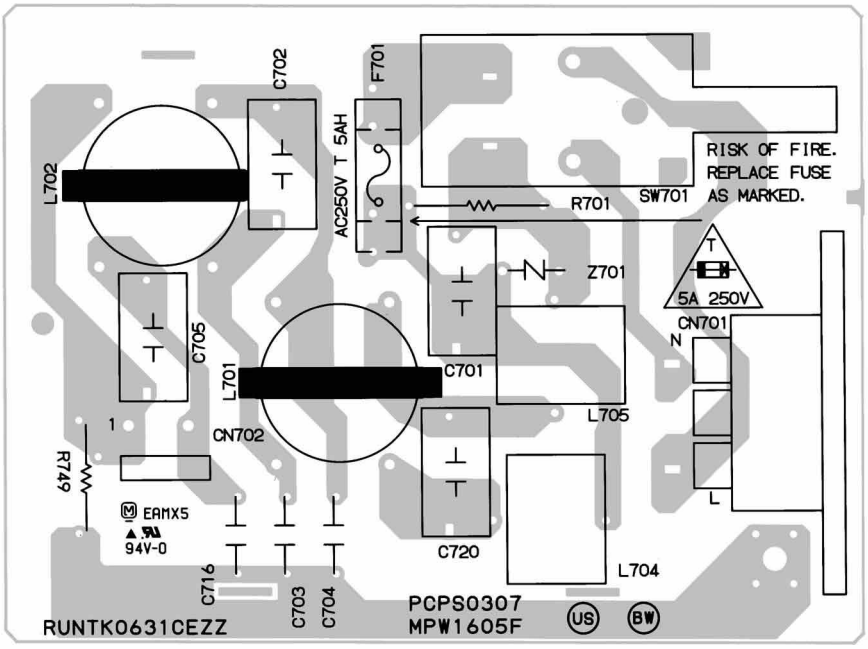
PWB-C

Power Unit (Component Side)

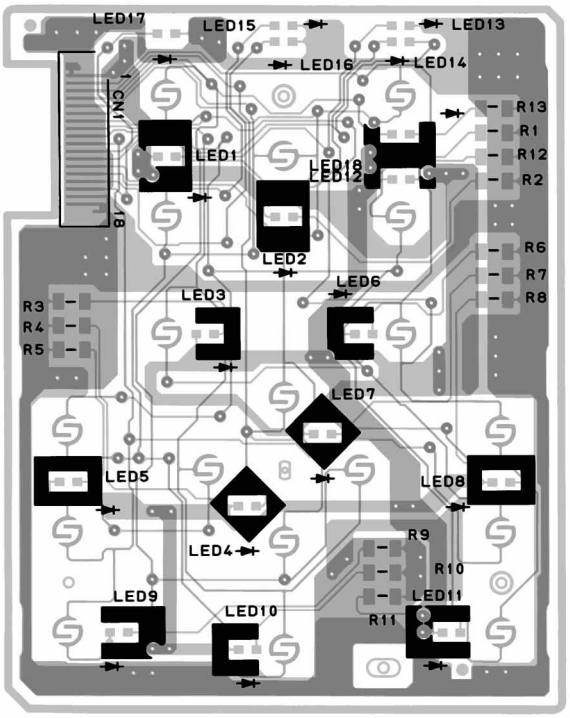
7	8	9	10	11	12	13



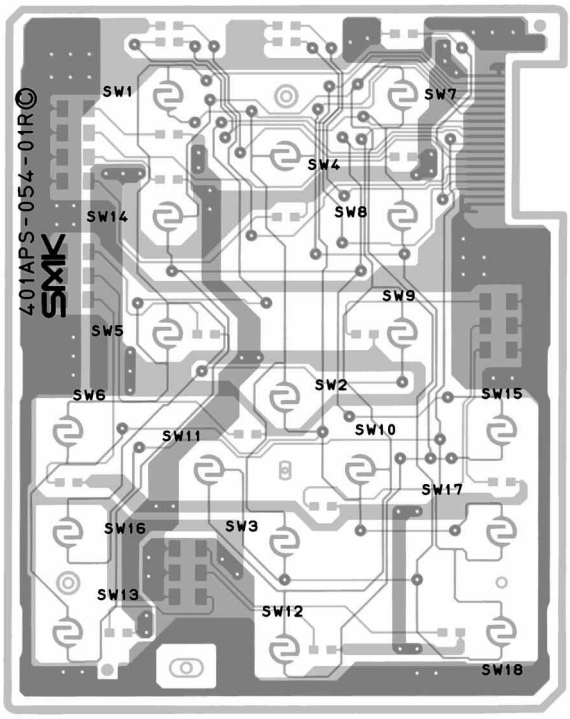
Inlet Unit (Wiring Side)



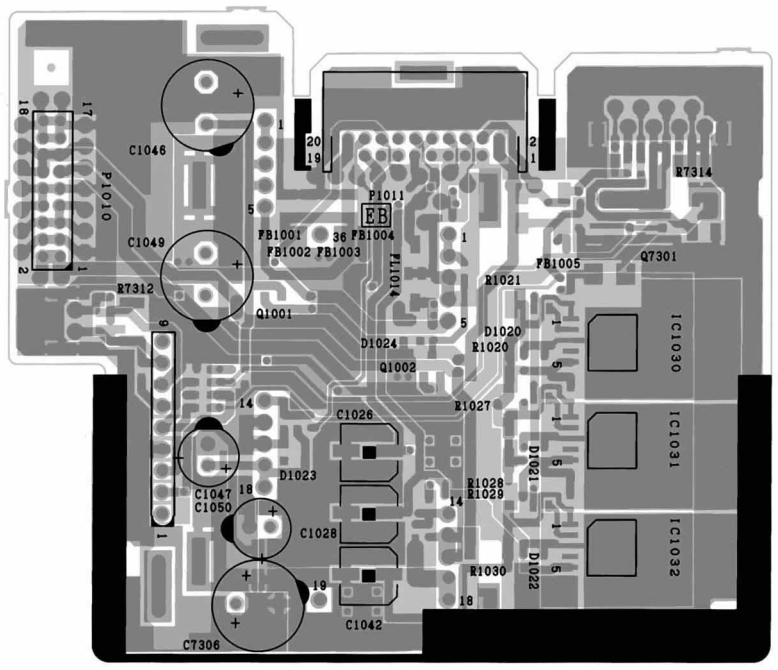
Inlet Unit (Component Side)



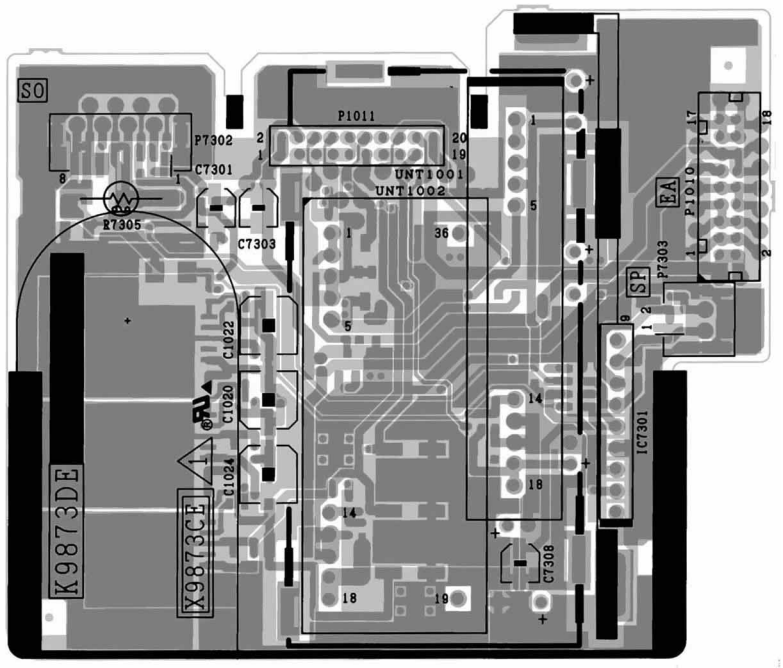
Operation Key Unit (Wiring Side)



Operation Key Unit (Component Side)



S-Out/REG Unit (Wiring Side)



S-Out/REG Unit (Component Side)

PARTS LIST

PARTS REPLACEMENT

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

Les pieces marquées "⚠" sont importantes pour maintenir la sécurité de l'appareil. Ne remplacer ces pieces que par des pieces dont le numéro est spécifié pour maintenir la sécurité et protéger le bon fonctinnement de l'appareil.

"HOW TO ORDER REPLACEMENT PARTS"

To have your order filled promptly and correctly, please furnish the following informations.

1. MODEL NUMBER
2. REF. NO.
3. PART NO.
4. DESCRIPTION
5. CODE
6. QUANTITY

in **USA**: Contact your nearest SHARP Parts Distributor. For location of SHARP Parts Distributor, Please call Toll-Free; 1-800-BE-SHARP

in **CANADA**: Contact SHARP Electronics of Canada Limited Phone (416) 890-2100.

MARK ★: SPARE PARTS-DELIVERY SECTION

Ref. No.	Part No.	★	Description	Code

LCD PANELS

NOTE: THE PARTS HERE SHOWN ARE SUPPLIED AS AN ASSEMBLY BUT NOT INDEPENDENTLY.

	RLCDP0073CEZZ	J	LCD Module Unit, Red	CZ
	RLCDP0074CEZZ	J	LCD Module Unit, Green	CZ
	RLCDP0075CEZZ	J	LCD Module Unit, Blue	CZ

PRINTED WIRING BOARD ASSEMBLIES (NOT REPLACEMENT ITEM)

	DUNTK9856DE01	–	Signal Unit	—
	DUNTK9839DE01	–	Output Unit	—
	DUNTK9769DE11	–	Video Unit	—
	DUNTK9857DE01	–	PC Terminal Unit	—
	DUNTK9873DE01	–	Sound Out/Regulator Unit	—
	DUNTK9858DE01	–	IR-DA Unit	—
	RUNTK0631CEZZ	–	Inlet Unit	—
	CDENC0284CE01	–	Power Unit	—
	CPCi-0031CE01	–	PC I/F Unit	—

Ref. No.	Part No.	★	Description	Code

DUNTK9856DE01
SIGNAL UNIT

INTEGRATED CIRCUITS

IC401	VHiNJM2240M-1	J	NJM2240M	AG
IC402	VHiNJM2240M-1	J	NJM2240M	AG
IC406	VHiBA7046F/-1	J	BA7046F	AF
IC409	VHiMM1041XM-1	J	MM1041XMR	AG
IC418	VHiTC4W53U/-1	J	TC4W53FU	AF
IC602	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC603	VHiTHC4538T-1	J	TC74HC4538AFT	AL
IC604	VHiSNHC153T-1	J	SN74HC153PW	AK
IC605	VHiSNHC153T-1	J	SN74HC153PW	AK
IC801	VHiTDA8854H-2	J	TDA8854H/N2	BD
IC803	VHiTDA4565/-1	J	TDA4565/V6	AN
IC805	VHiNJM2060V-1	J	NJM2060V	AF
IC806	VHiTC90A11F-1	J	TC90A11F	AZ
IC807	VHiM518221S-1	J	MSM518221-30JS	BA
IC808	VHiPST600DM-1	J	IC-PST600DMT	AE
IC814	VHiTA8814N/-1	J	TA8814N	AV
IC816	VHiNJM2283V-1	J	NJM2283V	AG
IC1001	VHiPQ20VZ11-1	J	PQ20VZ11	AH

TRANSISTORS

You can substitute "VS2SA1037KQ-1" for "VS2PB709AR/-1" and substitute "VS2SC2412KQ-1" for "VS2PD601AR/-1".

Q411	VS2PD601AR/-1	J	2PD601AR	AB
Q412	VS2SB1132Q/-1	J	2SB1132Q	AC
Q416	VS2PD601AR/-1	J	2PD601AR	AB
Q420	VS2SC2411KR-1	J	2SC2411KR	AC
Q421	VS2SC2411KR-1	J	2SC2411KR	AC
Q422	VS2SC2411KR-1	J	2SC2411KR	AC
Q804	VS2PB709AR/-1	J	2PB709AR	AB
Q805	VS2PD601AR/-1	J	2PD601AR	AB
Q806	VS2PD601AR/-1	J	2PD601AR	AB
Q808	VS2PD601AR/-1	J	2PD601AR	AB
Q809	VS2PB709AR/-1	J	2PB709AR	AB
Q810	VS2PB709AR/-1	J	2PB709AR	AB
Q814	VS2PD601AR/-1	J	2PD601AR	AB
Q815	VS2PB709AR/-1	J	2PB709AR	AB
Q816	VS2PD601AR/-1	J	2PD601AR	AB
Q817	VS2PD601AR/-1	J	2PD601AR	AB
Q819	VSDTC144EK/-1	J	DTC144EK	AB
Q820	VS2PD601AR/-1	J	2PD601AR	AB
Q821	VS2PB709AR/-1	J	2PB709AR	AB
Q822	VSDTC114EK/-1	J	DTC144EK	AB
Q823	VS2SC2411KR-1	J	2SC2411KR	AC
Q824	VS2SC2411KR-1	J	2SC2411KR	AC
Q825	VS2SC2411KR-1	J	2SC2411KR	AC
Q903	VS2PB709AR/-1	J	2PB709AR	AB
Q905	VS2PD601AR/-1	J	2PD601AR	AB
Q906	VS2PD601AR/-1	J	2PD601AR	AB
Q907	VS2PD601AR/-1	J	2PD601AR	AB
Q910	VS2PD601AR/-1	J	2PD601AR	AB

CABINET AND MECHANICAL PARTS

Ref. No.	Part No.	★	Description	Code
1	*Not Available*	–	Top Cabinet Ass'y	—
1-1	DBDYT1148CEK1	J	Top Cabinet Ass'y	BP
1-1-1	*Not Available*	–	Top Cabinet	—
1-1-2	*Not Available*	–	Holder	—
1-1-3	*Not Available*	–	Holder, x2	—
1-1-4	*Not Available*	–	IQ Label	—
1-1-5	*Not Available*	–	Lens Caution Label	—
1-1-6	*Not Available*	–	Tefron Tape	—
1-1-7	*Not Available*	–	Tefron Tape, x2	—
1-2	QSW-Z0062CEZZ	J	Operation Key Unit	BB
1-3	XEBSD30P12000	J	Screw, x2	AA
1-4	GCOVA1771CESA	J	R/C Cover, Front	AE
1-5	GCOVA1776CEKA	J	Lens DEC Cover	AP
1-6	PMLT-0348CEZZ	J	Molt, x2	AE
2	*Not Available*	–	Rear Cabinet Ass'y	—
2-1	DBDYR1073CEK1	J	Rear Cabinet Ass'y	BH
2-1-1	*Not Available*	–	Rear Cabinet	—
2-1-2	*Not Available*	–	PC Terminal Indication Sheet	—
2-1-3	*Not Available*	–	AC Index	—
2-2	DCOVA1774CEK1	J	Video Terminal Cover Ass'y	AK
2-2-1	*Not Available*	–	Video Terminal Cover	—
2-2-2	*Not Available*	–	Video Terminal Indication Sheet	—
2-3	GCOVA1779CESA	J	R/C Cover, Rear	AE
3	*Not Available*	–	Bottom Cabinet Ass'y	—
3-1	DBDYU1103CEK1	J	Bottom Cabinet Ass'y	BR
3-1-1	*Not Available*	–	Bottom Cabinet	—
3-1-2	*Not Available*	–	Model Label	—
3-1-3	*Not Available*	–	AC SW Index	—
3-1-4	*Not Available*	–	FCC/NOM Index	—
3-1-5	*Not Available*	–	Punching Plate	—
3-1-6	*Not Available*	–	Angle	—
3-1-7	*Not Available*	–	Shielding Holder	—
3-1-8	*Not Available*	–	Nut	—
3-1-9	*Not Available*	–	Nut, x3	—
3-1-10	*Not Available*	–	Barrier	—
3-1-11	*Not Available*	–	Tran P Label	—
3-1-12	*Not Available*	–	Dast Barrier	—
3-2	JHNDA1038CESA	J	Handle	AW
3-5	GLEGP9119CEKB	J	Adjuster	AU
3-6	GCOVA1773CEKA	J	Front Cover	AK
3-7	XEBSD30P12000	J	Screw, x2	AA
3-8	QCNW-5062CEZZ	J	Speaker Lead Wire	AE
3-9	VSP0080PBL68A	J	Speaker	AN
3-10	QCNW-5063CEZZ	J	Left Switch	AK
3-11	DCOVA1775CEK2	J	Intake Cover Ass'y	AQ
3-11-1	*Not Available*	–	Intake Cover	—
3-11-2	*Not Available*	–	Intake Cover Punching	—
3-12	PFiLD0075CEZZ	J	Intake Air Filter	AD
3-13	LHLDZ9144CEKZ	J	Holder, Side Filter	AH
3-14	PFiLD0078CEZZ	J	Side Filter	AC
3-15	QCNW-5064CEZZ	J	AC Switch Wire	AX
3-16	LX-HZ3066CEFD	J	Screw	AB
3-17	XEBSD26P14000	J	Screw, x2	AA
5	*Not Available*	–	Lamp Cage Cover Ass'y	—
5-1	DDORU1008CEK4	J	Lamp Cage Cover Ass'y	AR
5-1-1	*Not Available*	–	Lamp Cage Cover	—
5-1-2	*Not Available*	–	Caution Label	—
5-1-3	*Not Available*	–	Dust Cover	—
5-1-4	*Not Available*	–	Tefron Tape	—
5-2	LX-BZ1009CESA	J	Screw	AD
5-3	XRESJ30-06000	J	E-Ring	AA
5-4	MSPRC0202CEFW	J	Spring	AB
6	*Refer to Optics Mechanism Parts*			
7	LHLDZ2093CEKZ	J	Bimetal Holder	AK
8	RBiM-0001CEZZ	J	Bimetal	AN
9	PCOVW9007CEKZ	J	Bimetal Cover	AF
10	GCOVH1307CESA	J	Lens Cap	AV
⚠ 11	BQC-XGNV5XU/1	J	Lamp/Cage Module Unit	CQ
⚠ 11-1	CLMPF0055DE05	J	Lamp/Mirror Ass'y	CL
11-2	CCASZ1028CE01	J	Lamp Case Ass'y	AV
11-2-1	PCASZ1028CEKZ	J	Lamp Case	AT
11-2-2	LHLDZ3058CEFW	J	Handle	AE
11-2-3	PSLDH3072CEFW	J	Shild	AE
11-3	LX-HZ3105CEFD	J	Screw, x2	AB
11-5	MSPRK0061CEFW	J	Spring	AG
11-6	PFiLW0212CEZZ	J	UV/IR Filter	BH
11-7	LX-NZ3108CEFN	J	Nut	AA
11-8	LX-WZ3102CEFN	J	Washer	AA
11-9	LX-BZ3270CEFN	J	Screw	AA
11-10	PCOVZ3006CEFW	J	Cover	AE
11-11	TLABZ0722CEZZ	J	Label	AC
11-12	QPLGN0156FJZZ	J	Plug	AN
11-13	LANGK0679CEFW	J	Spring Angle	AG
11-14	XBPSD30P06JS0	J	Screw	AA
12	*Refer to Power/Ballast Unit Parts*			
13	*Not Available*	–	Output Unit	—
14	*Not Available*	–	PC I/F Unit	—
15	*Not Available*	–	PC Terminal Unit	—
16	*Not Available*	–	Video Unit	—
17	*Not Available*	–	Signal Unit	—
18	XBPSD40P08JS0	J	Screw	AA
20	NSFTZ0144CEFW	J	Spacer, x4	AD
21	LANGT3264CEFW	J	Angle (L)	AP
22	LANGT3265CEFW	J	Angle (R)	AH
23	NFANR0090CE00	J	Fan	BA
24	JKNBP1065CESC	J	Button, Main Power Switch	AE
25	LANGQ5709CEFW	J	Angle	AE
26	LX-BZ3411CEFD	J	Screw, x2	AA
27	NSFTZ0140CEFW	J	Shaft, x7	AC
28	*Not Available*	–	Sound Out/Regulator Unit	—
29	*Not Available*	–	Inlet Unit	—
30	PSLDM4523CEFW	J	Shield for Output Unit(lo)	AQ

Ref. No.	Part No.	★	Description	Code

SUPPLIED ACCESSORIES

ACCESSORIES

	PFiLD0076CEZZ	J	Extra Air Filter	AE
⚠	CACCU5013CE01	J	AC Cord	AX
	QCNW-5108CEZZ	J	Computer Cable	AX
	QCNW-5112CEZZ	J	Mouse Control Serial Cable	AP
	QCNW-5113CEZZ	J	Mouse Control Cable for IBM PS/2	AN
	QCNW-5114CEZZ	J	Mouse Control Cable for Mac	AN
	QCNW-4870CEZZ	J	Computer Audio Cable	AQ
	QPLGJ1512CEZZ	J	Macintosh Adaptor	AY
	RUNTK0648CEZZ	J	Remote Mouse Receiver	BM
	RRMCG1470CESA	J	Wireless R/C Unit	BU
	RRMCG1480CESA	J	Wireless Mouse R/C Unit	BK
	UDSKA0001CE01	J	CD-ROM	AR
	TiNS-6583CEZZ	J	Operation Manual	AX
	TiNS-6598CEZZ	J	Quick Reference	AH
	TiNS-6601CEZZ	J	CD-ROM Manual	AP
	TiNS-6676CEZZ	J	CD-ROM Quick Reference	AH
	GCASN0001CESA	J	Carrying Bag	BM
	GCOVH1307CESA	J	Lens Cap	AV

ACCESSORIES (NOT REPLACEMENT ITEM)

TCADN3045CEZZ	–	Register Card (U.S.A.)	—
TCAUH1133CEZZ	–	Caution Card	—
TCAUZ3032CEZZ	–	Soft Wear Caution	—
TGAN-1469CEZZ	–	Guarantee Card (U.S.A.)	—
TGAN-1445CEZZ	–	Guarantee Card (CANADA)	—
—	–	Four AA Size Batteries	—
—	–	Two AAASize Batteries	—

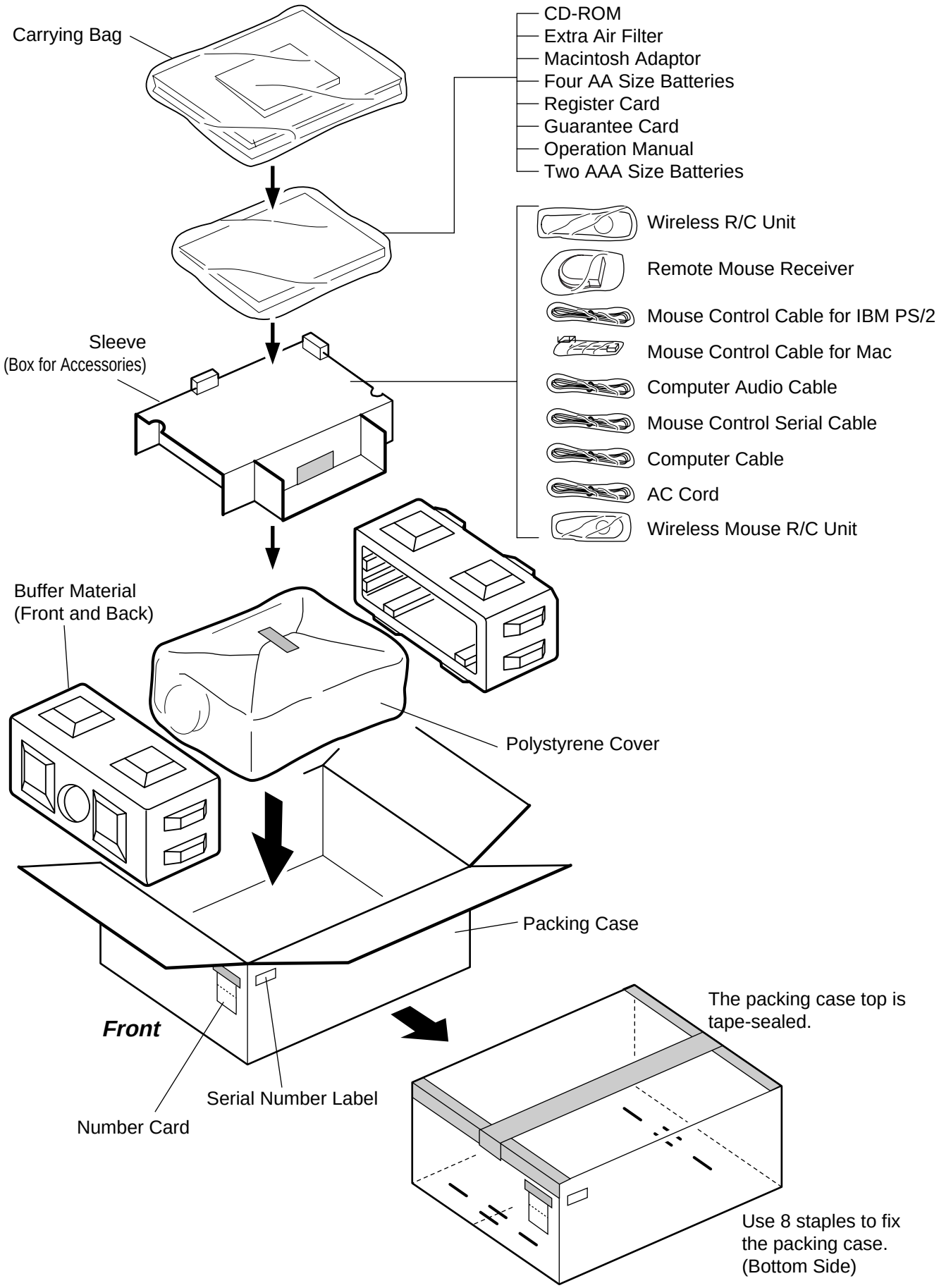
PACKING PARTS
(NOT REPLACEMENT ITEM)

SPAKC5312CEZZ	–	Packing Case	—
SPAKP0805CEZZ	–	Polystyrene Cover	—
SPAKX2858CEZZ	–	Buffer Material	—
SPAKF0402CEZZ	–	Sleeve(Box for Accessories)	—
TLABK0001TAZZ	–	Number Card	—
TLABN0157CEZZ	–	Serial Number Label	—

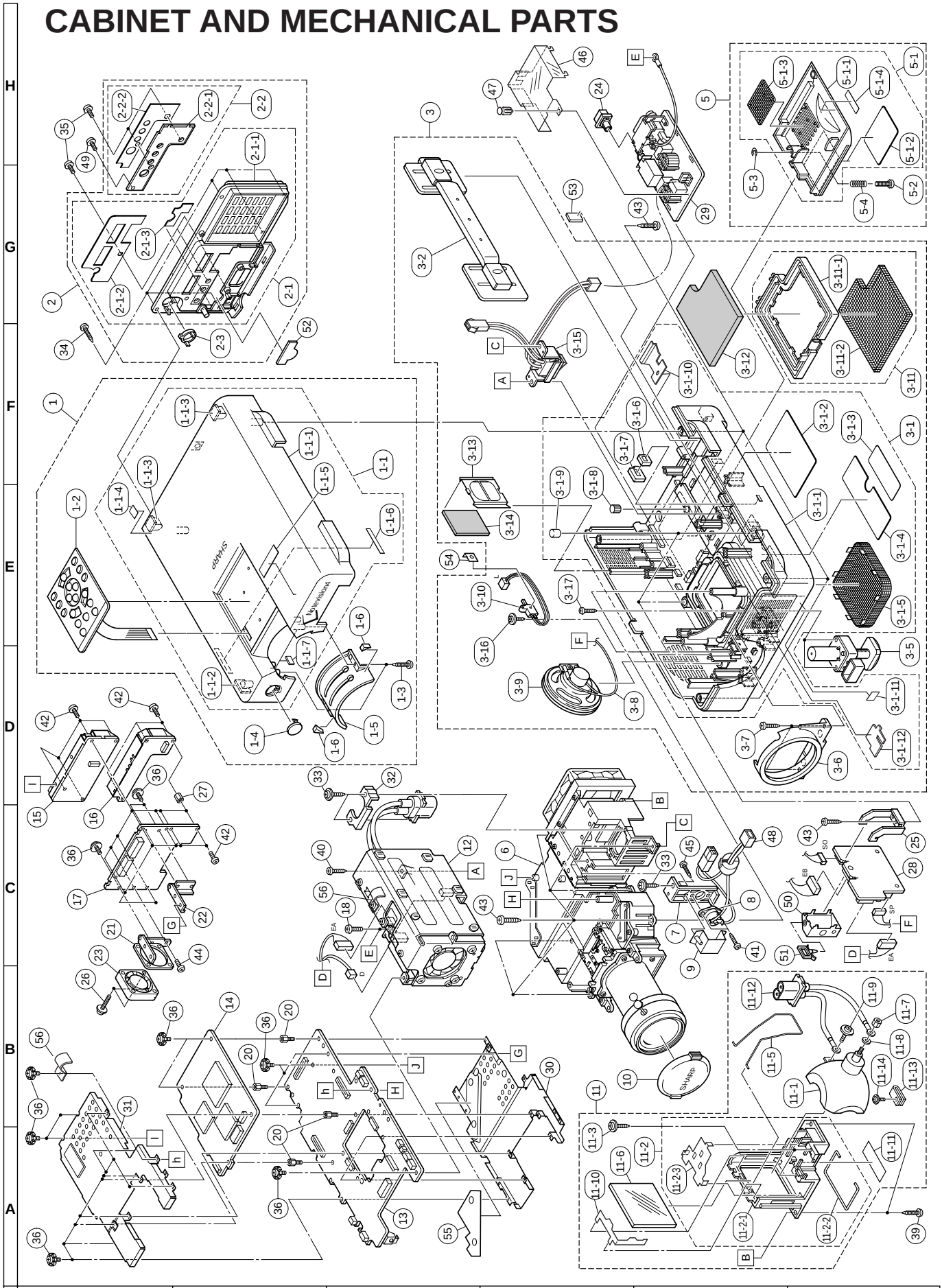
SERVICE JIGS
(Use for servicing)

9DASPN-XGNV1U	J	Spanna, 3mm (Off-set Cam Adjustment)	BG
9DADRiVER-NV4U	J	Off-set Driver (Focus Adjustment)	CA
9EQDRiVER-NV1B	J	Screwdriver, (–) (Focus Adjustment)	BL
9EQLNC-XGNV1U or 9EQLNC-XGNV4U	J	Hexagon Wrench, 2mm (Convergence Adjustment)	BA AU
QCNW-5058CEZZ	J	Extension Cable 28-pin Signal(P1501)-Output(SC1501) Signal(P1502)-Output(SC1502)	CB
QCNW-4767CEZZ	J	Extension Cable 30-pin Signal (VS)-Video (VS) Signal (TN)-PC Terminal (TN)	BT
QCNW-5057CEZZ	J	Extension Cable 60-pin Output (TC1)-PC I/F (TC1) Output (TC2)-PC I/F (TC2), Output (TC3)-PC I/F (TC3)	CD
QCNW-5232CEZZ	J	Extension Cable 32-pin LCD Panel-Output	BK

PACKING OF THE SET



CABINET AND MECHANICAL PARTS

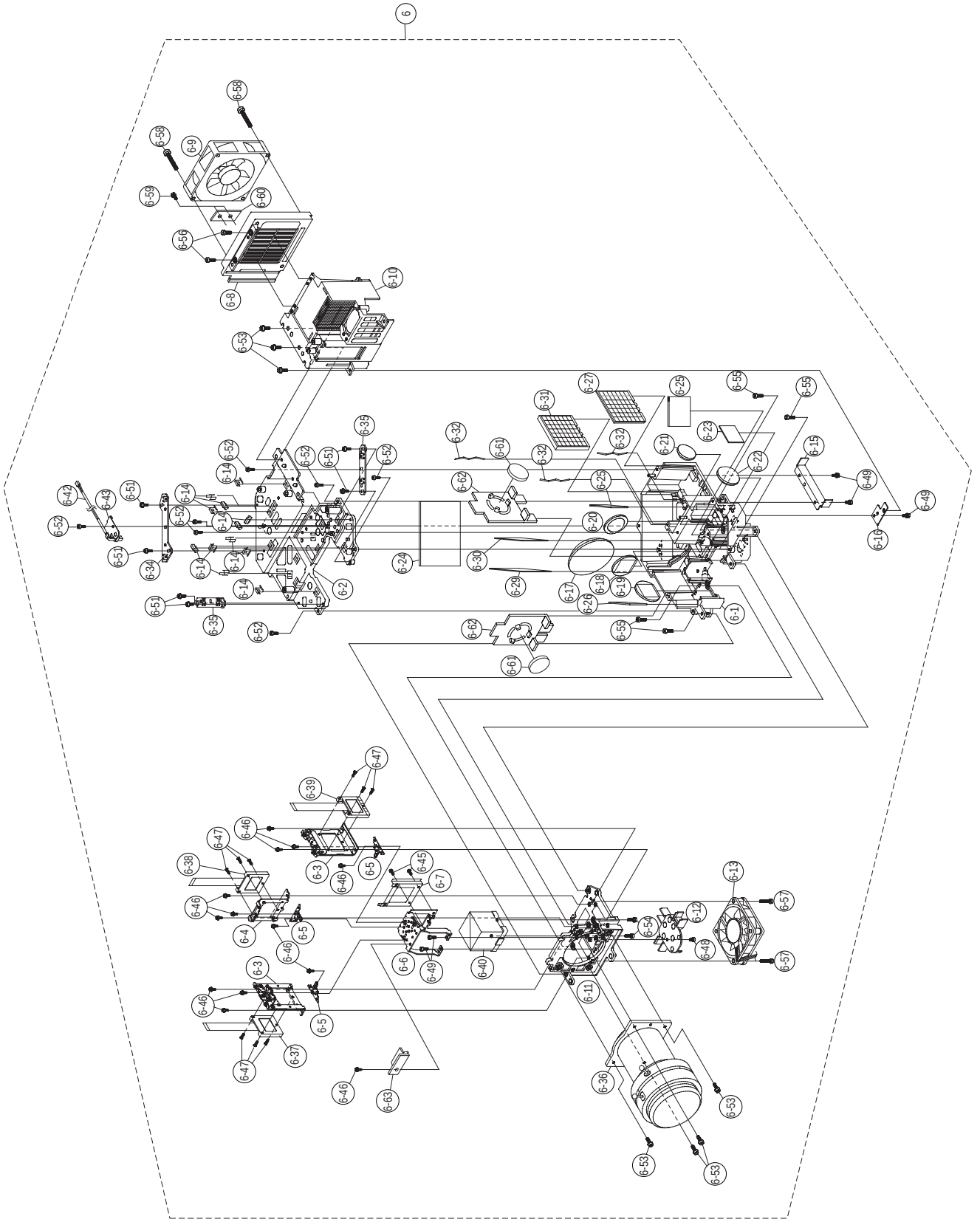


Ref. No.	Part No.	★	Description	Code

CABINET AND MECHANICAL PARTS (Continued)

31	PSLDM4522CEFW	J	Shield for Output Unit(up)	AM
32	LHLDZ2099CEKZ	J	Lamp Socket	AF
33	XEPSD30P10000	J	Screw, x3	AA
34	XTBSF30P12000	J	Screw, x5	AA
35	XBPSF30P10000	J	Screw, x4	AA
36	XBPSD30P06R00	J	Screw, x23	AB
39	XBBSD30P10000	J	Screw, x2	AA
40	XTASD30P10000	J	Screw, x1	AA
41	XEBSD30P06000	J	Screw, x2	AA
42	XBPSD26P04000	J	Screw, x13	AA
43	XTASD30P16000	J	Screw, x11	AA
44	XBBSF26P05000	J	Screw, x1	AA
45	XEPSD30P08000	J	Screw, x1	AA
46	PCOVW9008CEZZ	J	Cover	AK
47	LX-LZ1008CEZZ	J	Rivet, x1	AC
48	QCNW-4929CEZZ	J	Bimetal Wire	AG
49	XTBSF30P12000	J	Screw, x1	AA
50	PSLDM4560CEFW	J	Shield Plate	AH
51	LHLDW1090GEZZ	J	Holder	AB
52	GCOVA1772CESA	J	Cover for IR R/C	AK
53	PSPAK0001CEKZ	J	Spacer	AD
54	PZETK0072CEKZ	J	Shield	AB
55	PZETK0064CEKZ	J	Shield	AG
56	QEARB0038CEFW	J	Earth Spring, x2	

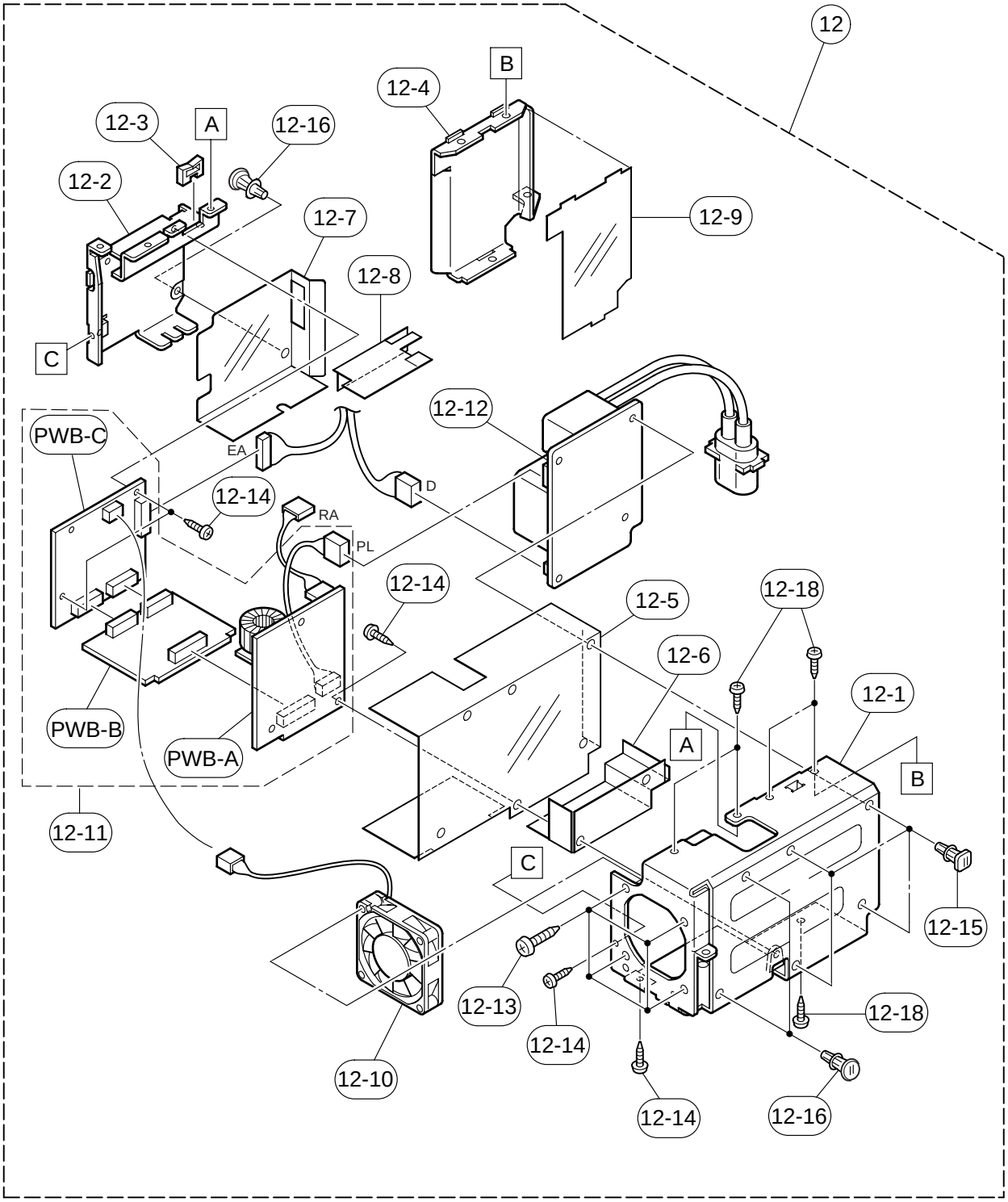
OPTICS MECHANISM PARTS



OPTICS MECHANISM PARTS

Ref. No.	Part No.	★	Description	Code
6	CCHSK0075CE11	J	Optics Macha. Ass'y	FV
6-1	LCHSK0074CEFF	J	Optics Mecha. Base	BP
6-2	LCHSK0075CEFF	J	Optics Mecha. Cover	BN
6-3	CANGK0675CE01	J	R/B Convergence Unit, x2	AY
6-4	LANGK0674CEFW	J	G Adjusting Plate	AG
6-5	LANGK0677CEFW	J	Slide Plate, x3	AD
6-6	LANGG1165CEFW	J	Guide Plate	AQ
6-7	PSLDP3056CEFW	J	Light Shielding Plate (LCD Module Unit, Green)	AL
6-8	PDUC-0080CEKZ	J	Duct ,Side	AU
6-9	NFANR0087CE00	J	Cooling Fan(Exhaust)	AZ
6-10	CDUC-0079CE01	J	Duct ,Top	AT
6-11	LHLDZ3057CEFW	J	Holder, for Prizm	BC
6-12	PGiDH0016CEFW	J	Flap	AG
6-13	NFANR0086CE00	J	Cooling Fan(Intake)	AY
6-14	MSPRP1198CEFW	J	Mirror Fitting Spring, x26	AD
6-15	LANGH0143CEFW	J	Light Shielding Plate	AF
6-16	LANGK0680CEFW	J	Duct Holding Plate	AE
6-17	PLNS-0159CEZZ	J	CL1	AZ
6-18	PLNS-0161CEZZ	J	CL3 (for Green)	BH
6-19	PLNS-0160CEZZ	J	CL2 (for Red)	BG
6-20	PLNS-0162CEZZ	J	RL1 (Incoming-Light)	AT
6-21	PLNS-0152CEZZ	J	RL2	AX
6-22	PLNS-0153CEZZ	J	RL3 (Outgoing-Light)	AU
6-23	PFiLW0211CEZZ	J	Polarizer B	BB
6-24	PMiR-0216CEZZ	J	Mirror-M1	AN
6-25	PMiR-0219CEZZ	J	Mirror-M4/M6 ,x2	AS
6-26	PMiR-0220CEZZ	J	Mirror-M5	AL
6-27	PLNS-0163CEZZ	J	Flyeye Lens1	BK
6-29	PMiR-0228CEZZ	J	Mirror-M2	BC
6-30	PMiR-0229CEZZ	J	Mirror-M3	AZ
6-31	PLNS-0165CEZZ	J	Flyeye Lens2, PBS	CE
6-32	MSPRP1205CEFW	J	Flyeye Fitting Spring,x3	AD
6-34	LHLDZ3059CEFW	J	M1 Adjust Lever Ass'y	AK
6-35	LHLDZ3060CEFW	J	M Adjust Lever Ass'y, x2	AH
6-36	CLNS-0147CE01	J	Projection Lens	CG
6-37	RLCDP0073CEZZ	J	LCD Module Unit, Red	CZ
6-38	RLCDP0074CEZZ	J	LCD Module Unit, Green	CZ
6-39	RLCDP0075CEZZ	J	LCD Module Unit, Blue	CZ
6-40	PMiR-0215CEZZ	J	Cross Prizm (with Base)	CG
6-42	RH-HZ0048CEZZ	J	Temp. Sensor	AN
6-43	LANGU9029CEFW	J	Angle, for Temp. Sensor	AF
6-45	XAPSF20P05000	J	Screw M2-5, x2	AA
6-46	LX-BZ3402CEZZ	J	Screw 2P-5, x13	AB
6-47	XSSSF20P06000	J	Screw M2-6, x9	AA
6-48	XBOSD26P04000	J	Screw M2.6-4	AA
6-49	LX-BZ3370CEFD	J	Screw 2.6P-6, x5	AB
6-51	XBBSD26P08000	J	Screw 3P-8, x6	AA
6-52	XBPSD30P08JS0	J	Screw M3-8, x7	AA
6-53	XJPSD30P08000	J	Screw M3-8	AA
6-54	XBBSD30P08000	J	Screw 3P-8, x2	AA
6-55	XEBSD30P10000	J	Screw M3-10, x4	AA
6-56	XBPSD40P12000	J	Screw M4-12, x2	AA
6-57	XEBSD40P20000	J	Screw M4-20, x2	AA
6-58	XEPSF40P30000	J	Screw M4-30, x2	AB
6-59	XEBSF20P05000	J	Screw M2-5, x2	AB
6-60	PSLDP3058CEFW	J	Angle	AG
6-61	PLNS-0166CEZZ	J	RL4, x2	AT
6-62	LHLDZ9142CEZZ	J	RL4-Holder	AD
6-63	LANGH0144CEFW	J	Light Shielding Plate	

POWER/BALLAST UNIT PARTS



Ref. No.	Part No.	★	Description	Code

POWER/BALLAST UNIT PARTS

	12	*Not Available*	–	Power/Ballast Unit Ass'y	—
	12-1	95C0MPS03180	J	Power Case	BC
	12-2	95C0MPS03190	J	Cover	AZ
	12-3	95C0M525A0010	J	Holder	AG
	12-4	95C0MPS0320	J	Cover	AX
	12-5	95C0PPS00640	J	Insulating Sheet	BB
	12-6	95C0PPS00670	J	Insulating Sheet	AU
	12-7	95C0PPS00650	J	Insulating Sheet	AT
	12-8	95C0PPS00690	J	Insulating Sheet	AP
	12-9	95C0PPS00660	J	Insulating Sheet	AU
	12-10	95C0K504A0010	J	Fan	BP
⚠	12-11	*Not Available*	–	Power Unit	—
⚠	12-12	RDENC0275CEZZ	J	Ballast Unit (The ballast unit is supplied only as an assembly.)	CD
	12-13	XBSSD30P16000	J	Screw	AA
	12-14	95C0M118A0010	J	Screw	AC
	12-15	95C0M524A0010	J	Spacer	AG
	12-16	95C0M510A0020	J	Spacer	AH
	12-18	XBPSD30P04000	J	Screw	AA

DUNTK9856DE01
SIGNAL UNIT (Continued)

DIODES

Ref. No.	Part No.	★	Description	Code
D404	RH-EX0519CEZZ	J	Zener Diode	AB
D801	VHDMA152WA/-1	J	Diode MA152WA	AA
D802	RH-EX0226CEZZ	J	Zener Diode	AB
D803	RH-EX0226CEZZ	J	Zener Diode	AB
D805	VHDDAN202K/-1	J	Diode DAN202K	AB
D1005	VHDDAN202K/-1	J	Diode DAN202K	AB

PACKAGED CIRCUITS

Ref. No.	Part No.	★	Description	Code
X801	RCRSB0009PEZZ	J	Crystal	AL
X802	RCRSB0008PEZZ	J	Crystal	AH

COILS

Ref. No.	Part No.	★	Description	Code
L401	VP-CF390K0000	J	Peaking 39µH	AB
L904	VP-1M330J4R2N	J	Peaking 33µH	AC
L905	VP-1M270J3R8N	J	Peaking 27µH	AC
L906	VP-1M330J4R2N	J	Peaking 33µH	AC
L908	VP-1M220J2R9N	J	Peaking 22µH	AC

CAPACITORS

Ref. No.	Part No.	★			Description	Code
C404	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C414	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C416	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C423	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C425	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C437	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C441	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C443	VCKYCY1HF102Z	J	1000p	50V	Ceramic	AA
C447	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C448	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C450	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C451	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C452	VCKYCY1HF102Z	J	1000p	50V	Ceramic	AA
C453	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C454	VCCCCY1HH7R0D	J	7.0p	50V	Ceramic	AA
C455	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C456	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C458	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C472	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C485	VCEAPF1HW475M	J	4.7	50V	Electrolytic	AB
C486	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C487	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C488	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C489	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C490	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C491	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C495	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C601	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C602	VCFRED1HM472J	J	4700p	50V	Mylar	AD
C603	VCFRED1HM222J	J	2200p	50V	Mylar	AC
C606	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C607	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C608	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C609	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C610	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C611	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C612	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C613	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C650	RC-KZ0416CEZZ	J	Miniature Magnetic			AE
C810	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C811	VCCCCY1HH180J	J	18p	50V	Ceramic	AA
C812	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C814	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C815	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C816	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C817	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C818	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C819	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C822	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C823	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C824	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C825	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C826	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C827	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C828	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C829	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C830	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C831	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C832	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C833	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C834	VCFRED1HM332J	J	3300p	50V	Mylar	AD
C835	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C836	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C837	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C838	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C839	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C840	VCFYEC1CM223J	J	0.022	16V	Mylar	AC
C844	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C845	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C852	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C856	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C857	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C860	VCCCCY1HH221J	J	220p	50V	Ceramic	AA
C861	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C863	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C864	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C865	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C866	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C867	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C868	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C869	VCKYCY1CF224Z	J	0.22	16V	Ceramic	AA
C870	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C871	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C872	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C873	VCFYEC1CM274J	J	0.27	16V	Mylar	AE
C877	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C878	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C879	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C880	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C881	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C882	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C883	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C885	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C891	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C892	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C893	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C903	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C904	VCCCCY1HH120J	J	12p	50V	Ceramic	AA
C905	VCCCCY1HH360J	J	36p	50V	Ceramic	AA
C906	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C907	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C908	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C909	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C910	VCCCCY1HH181J	J	180p	50V	Ceramic	AA
C911	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C912	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C913	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C914	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C915	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C916	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C917	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C918	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C919	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C920	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C921	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C922	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C923	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C924	RC-EZ0569CEZZ	J	10	10V	Electrolitic	AF
C925	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C926	VCCCCY1HH220J	J	22p	50V	Ceramic	AA
C927	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C930	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C931	VCCCCY1HH470J	J	47p	50V	Ceramic	AA
C932	VCKYCY1AF105Z	J	1.0	10V	Ceramic	AC
C933	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C934	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C935	VCCCCY1HH390J	J	39p	50V	Ceramic	AA
C936	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C937	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C938	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C939	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C945	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C946	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C948	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C949	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C950	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C951	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C954	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C957	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C958	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C959	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C960	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C962	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C963	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C964	VCFYEC1CM104J	J	0.1	16V	Mylar	AD
C965	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C966	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C967	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C968	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C970	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C973	VCCCCY1HH391J	J	390p	50V	Ceramic	AA
C1009	RC-EZ0569CEZZ	J	10	10V	Electrolitic	AF

RESISTORS

R410	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R411	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R412	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R413	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R414	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R415	VRS-CY1JF151J	J	150	1/16W	Metal Oxide	AA
R416	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R417	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R418	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R419	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R438	VRS-CY1JF474J	J	470k	1/16W	Metal Oxide	AA
R439	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R440	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R460	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R472	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R477	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R478	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R479	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R480	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R481	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R482	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R496	VRS-CY1JF361J	J	360	1/16W	Metal Oxide	AA
R497	VRS-CY1JF332F	J	3.3k	1/16W	Metal Oxide	AA
R503	VRS-CY1JF392F	J	3.9k	1/16W	Metal Oxide	AA
R505	VRS-CY1JF361J	J	360	1/16W	Metal Oxide	AA
R584	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R603	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R604	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R605	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R608	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R611	VRN-CY1JF133D	J	13k	1/16W	Metal Film	AB
R613	VRN-CY1JF752D	J	7.5k	1/16W	Metal Film	AA
R614	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R615	VRS-CY1JF182J	J	1.8k	1/16W	Metal Oxide	AA
R616	VRN-CY1JF682D	J	6.8k	1/16W	Metal Film	AB
R617	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R619	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R621	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R622	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R623	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R624	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R650	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R657	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R699	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

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SIGNAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R806	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R807	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R808	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R811	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R812	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R815	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R816	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R817	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R819	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R820	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R821	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R832	VRS-TX2HF4R7J	J	4.7	1/2W	Metal Oxide	AB
R835	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R837	VRS-CY1JF564J	J	560k	1/16W	Metal Oxide	AA
R838	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R839	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R840	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R841	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R842	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R843	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R844	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R845	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R846	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R848	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R849	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R850	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R851	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R852	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R853	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R855	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R856	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R857	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R858	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R859	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R860	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R861	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R862	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R863	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R865	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R866	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R867	VRS-CY1JF183J	J	18k	1/16W	Metal Oxide	AA
R869	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R870	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R871	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R872	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R873	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R874	VRS-CY1JF683J	J	68k	1/16W	Metal Oxide	AA
R875	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R876	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R877	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R878	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R879	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R880	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R891	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R892	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R893	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R894	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R895	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R898	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R901	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R902	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R903	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R905	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R906	VRS-TV1JD122J	J	1.2k	1/16W	Metal Oxide	AA
R907	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R908	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R909	VRN-CY1JF102D	J	1.0k	1/16W	Metal Film	AB
R910	VRS-TV1JD122J	J	1.2k	1/16W	Metal Oxide	AA
R911	VRS-TV1JD471J	J	470	1/16W	Metal Oxide	AA
R912	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R913	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R914	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R915	VRN-CY1JF332D	J	3.3k	1/16W	Metal Film	AA
R916	VRN-CY1JF332D	J	3.3k	1/16W	Metal Film	AA
R917	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R918	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R919	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R920	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R922	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R923	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R924	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R925	VRS-TV1JD222J	J	2.2k	1/16W	Metal Oxide	AA
R926	VRS-CY1JF823J	J	82k	1/16W	Metal Oxide	AA
R927	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R928	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R929	VRS-CY1JF561J	J	560	1/16W	Metal Oxide	AA
R930	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R931	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R932	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R933	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R934	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R935	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R936	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R937	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R938	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R939	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R940	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R941	VRS-CY1JF331J	J	330	1/16W	Metal Oxide	AA
R942	VRS-CY1JF750J	J	75	1/16W	Metal Oxide	AA
R943	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R944	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R945	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R953	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R954	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R955	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R956	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R957	VRS-CY1JF154J	J	150k	1/16W	Metal Oxide	AA
R958	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R959	VRS-TV1JD222J	J	2.2k	1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description			Code

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SIGNAL UNIT (Continued)

R964	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R975	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R976	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R980	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R981	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R982	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R983	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R990	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R991	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R999	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1005	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1006	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1007	VRN-CY1JF562D	J	5.6k	1/16W	Metal Film	AB
R1008	VRN-CY1JF102D	J	1.0k	1/16W	Metal Film	AB
R1009	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1801	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R1802	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R1803	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1804	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1805	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R1806	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R1807	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R1808	VRS-CY1JF821J	J	820	1/16W	Metal Oxide	AA
R1809	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1810	VRS-CY1JF122J	J	1.2k	1/16W	Metal Oxide	AA
R1811	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R1812	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1813	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1819	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1820	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1822	VRS-CY1JF822J	J	8.2k	1/16W	Metal Oxide	AA
R1823	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1825	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R1826	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

FB401	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB402	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB901	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB902	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB903	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB904	RBLN-0065CEZZ	J	Ferrite Bead	AB
P401	QPLGZ3044CEZZ	J	Plug, 30-pin (TN)	AH
P402	QPLGZ3044CEZZ	J	Plug, 30-pin (VS)	AH
P801	QPLGN0463TAZZ	J	Plug, 4-pin	AC
P1501	QPLGZ2026CEZZ	J	Plug, 20-pin	AE
P1502	QPLGZ2026CEZZ	J	Plug, 20-pin	AE

Ref. No.	Part No.	★	Description	Code

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OUTPUT UNIT

INTEGRATED CIRCUITS

IC1004	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1101	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1102	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1103	RH-iX1531CEZZ	J	TC74HC4053AF	AF
IC1104	VHiNJM2904V-1	J	NJM2904V	AF
IC1105	VHiLM318M//-1	J	LM318M	AK
IC1201	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1202	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1203	VHiAD8013AR-1	J	AD8013AR-14	AV
IC1204	VHiNJM2902V-1	J	NJM2902V	AD
IC1301	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1302	VHiCXA2112R-1	J	CXA2112R-T6	BB
IC1305	VHiNJ7211U2-1	J	NJU7211U20	AG
IC1401	VHiCXA2111R-1	J	CXA2111R	BB
IC1402	VHiTHC221AF-1	J	TC74HC221AF	AG
IC1403	VHiNJM2060V-1	J	NJM2060V	AF
IC1404	VHiM62352GP-1	J	M62352GP	AQ
IC1406	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC1407	RH-iX1952CEZZ	J	74F86SJ	AD
IC1408	VHiHCT541AF-1	J	TC74HCT541AF	AG
IC1409	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC1410	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1411	VHiTA8184F/-1	J	TA8184F	AN
IC1412	VHiM62352GP-1	J	M62352GP	AQ
IC1501	VHiAD8013AR-1	J	AD8013AR-14	AV
IC1502	VHiNJM2902V-1	J	NJM2902V	AD
IC1503	VHiNJM431E/-1	J	NJM431E-TE1	AF
IC1504	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC1505	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC1506	VHiM40C568H-1	J	MB40C568HPFV-G	AQ
IC1507	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1508	VHiT7WH241U-1	J	TC7WH241FU	AF
IC4201	VHiT7SET08U-1	J	TC7SET08FU	AE
IC4202	VHiTC4W53U/-1	J	TC4W53FU	AF
IC4203	VHiTC4W66U/-1	J	TC4W66FU	AF
IC4204	VHiNJM2060V-1	J	NJM2060V	AF
IC4206	VHiNJM2904V-1	J	NJM2904V	AF
IC5003	VHiM62352GP-1	J	M62352GP	AQ
IC5004	VHiM62320FP-1	J	M62320FP	AK
IC5005	VHiM62320FP-1	J	M62320FP	AK
IC5006	VHiSNHC00T/-1	J	SN74HC00PW	AG
IC5008	RH-iX2963CEZZ	J	X24645S8T2	AX
IC5009	VHiSNHC08T/-1	J	SN74HC08PW	AG
IC5021	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5503	VHiPQ05SZ51-1	J	PQ05SZ51	AG
IC5504	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5505	VHiPQ20VZ11-1	J	PQ20VZ11	AH
IC5506	RH-iX2296CEZZ	J	TC7S66F	AD
IC5507	VHiPQ20VZ11-1	J	PQ20VZ11	AH

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OUTPUT UNIT (Continued)

TRANSISTORS

You can substitute "VS2SA1037KQ-1" for "VS2PB709AR/-1" and substitute "VS2SC2412KQ-1" for "VS2PD601AR/-1".

Ref. No.	Part No.	★	Description	Code
Q1101	VS2SC2411KR-1	J	2SC2411KR	AC
Q1102	VS2SA1036KR-1	J	2SA1036KR	AC
Q1103	VS2SC2411KR-1	J	2SC2411KR	AC
Q1104	VS2SA1036KR-1	J	2SA1036KR	AC
Q1105	VS2SC2411KR-1	J	2SC2411KR	AC
Q1106	VS2SA1036KR-1	J	2SA1036KR	AC
Q1107	VS2SC2411KR-1	J	2SC2411KR	AC
Q1108	VS2SA1036KR-1	J	2SA1036KR	AC
Q1201	VS2SC2411KR-1	J	2SC2411KR	AC
Q1202	VS2SA1036KR-1	J	2SA1036KR	AC
Q1203	VS2SC2411KR-1	J	2SC2411KR	AC
Q1204	VS2SA1036KR-1	J	2SA1036KR	AC
Q1205	VS2SC2411KR-1	J	2SC2411KR	AC
Q1206	VS2SA1036KR-1	J	2SA1036KR	AC
Q1207	VS2SC2411KR-1	J	2SC2411KR	AC
Q1208	VS2SA1036KR-1	J	2SA1036KR	AC
Q1301	VS2SC2411KR-1	J	2SC2411KR	AC
Q1302	VS2SA1036KR-1	J	2SA1036KR	AC
Q1303	VS2SC2411KR-1	J	2SC2411KR	AC
Q1304	VS2SA1036KR-1	J	2SA1036KR	AC
Q1305	VS2SC2411KR-1	J	2SC2411KR	AC
Q1306	VS2SA1036KR-1	J	2SA1036KR	AC
Q1307	VS2SC2411KR-1	J	2SC2411KR	AC
Q1308	VS2SA1036KR-1	J	2SA1036KR	AC
Q1401	VS2SC2735//-1	J	2SC2735	AB
Q1402	VS2SC2735//-1	J	2SC2735	AB
Q1403	VS2SC2735//-1	J	2SC2735	AB
Q1404	VS2PB709AR/-1	J	2PB709AR	AB
Q1501	VS2SC2735//-1	J	2SC2735	AB
Q1502	VS2SC2735//-1	J	2SC2735	AB
Q1503	VS2SC2735//-1	J	2SC2735	AB
Q1504	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1505	VS2SA1037KQ-1	J	2SA1037KQ	AA
Q1506	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1507	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1508	VS2SC2412KQ-1	J	2SC2412KQ	AA
Q1510	VS2PD601AR/-1	J	2PD601AR	AB
Q1511	VS2PB709AR/-1	J	2PB709AR	AB
Q1512	VS2SD1664R/-1	J	2SD1664R	AC
Q1601	VS2PD601AR/-1	J	2PD601AR	AB
Q1602	VS2PD601AR/-1	J	2PD601AR	AB
Q1603	VS2PD601AR/-1	J	2PD601AR	AB
Q1604	VS2PD601AR/-1	J	2PD601AR	AB
Q1605	VSDTC144EU/-1	J	DTC144EU	AB
Q1606	VSDTC144EU/-1	J	DTC144EU	AB
Q1607	VSDTC144EU/-1	J	DTC144EU	AB
Q1608	VSDTC144EU/-1	J	DTC144EU	AB
Q1609	VSDTC144EU/-1	J	DTC144EU	AB
Q1610	VSDTC144EU/-1	J	DTC144EU	AB
Q1611	VSDTC144EU/-1	J	DTC144EU	AB
Q1612	VSDTC144EU/-1	J	DTC144EU	AB
Q1613	VSDTC144EU/-1	J	DTC144EU	AB
Q1614	VSDTC144EU/-1	J	DTC144EU	AB
Q1615	VSDTC144EU/-1	J	DTC144EU	AB
Q1616	VSDTC144EU/-1	J	DTC144EU	AB
Q1617	VSDTC144EU/-1	J	DTC144EU	AB
Q1618	VSDTC144EU/-1	J	DTC144EU	AB
Q4204	VS2PD601AR/-1	J	2PD601AR	AB
Q4205	VS2PD601AR/-1	J	2PD601AR	AB
Q4207	VS2PD601AR/-1	J	2PD601AR	AB
Q4208	VS2PD601AR/-1	J	2PD601AR	AB
Q5002	VS2PD601AR/-1	J	2PD601AR	AB
Q5003	VS2PD601AR/-1	J	2PD601AR	AB
Q5004	VS2PD601AR/-1	J	2PD601AR	AB
Q5005	VS2PD601AR/-1	J	2PD601AR	AB
Q5006	VS2PB709AR/-1	J	2PB709AR	AB
Q5007	VS2PD601AR/-1	J	2PD601AR	AB
Q5501	VS2SD1664R/-1	J	2SD1664R	AC
Q5502	VS2SD1664R/-1	J	2SD1664R	AC
Q5514	VS2PD601AR/-1	J	2PD601AR	AB
Q5516	VS2PD601AR/-1	J	2PD601AR	AB
Q5518	VS2PD601AR/-1	J	2PD601AR	AB
Q5526	VSDTC114EU/-1	J	DTC114EU	AB
Q5534	VSDTC114EU/-1	J	DTC114EU	AB
Q5536	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1003	VHDDAN202K/-1	J	Diode DAN202K	AB
D1401	VHDDAN202K/-1	J	Diode DAN202K	AB
D1402	VHDDAN202K/-1	J	Diode DAN202K	AB
D1501	VHDDAN202K/-1	J	Diode DAN202K	AB
D1502	VHDDAN202K/-1	J	Diode DAN202K	AB
D5001	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5002	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5003	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5004	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5005	VHDMA153///-1	J	Diode MA153	AB
D5006	VHDMA153///-1	J	Diode MA153	AB
D5007	VHDMA153///-1	J	Diode MA153	AB
D5008	VHDMA153///-1	J	Diode MA153	AB
D5009	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5010	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5011	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5012	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5013	VHDMA153///-1	J	Diode MA153	AB
D5014	VHDMA153///-1	J	Diode MA153	AB
D5015	VHDMA153///-1	J	Diode MA153	AB
D5016	VHDMA153///-1	J	Diode MA153	AB
D5017	VHDHRW0702A-1	J	Diode HRW0702A	AE
D5018	VHDMA153///-1	J	Diode MA153	AB
D5023	VHDDAN202K/-1	J	Diode DAN202K	AB
D5024	RH-EX0858CEZZ	J	Zener Diode, 6.2V	AC
D5503	VHDDAN202K/-1	J	Diode DAN202K	AB
D5504	VHDDAN202K/-1	J	Diode DAN202K	AB
D5505	VHDDAN202K/-1	J	Diode DAN202K	AB
D5509	RH-EX0540CEZZ	J	Zener Diode	AB

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
D5513	VHDDAN202K/-1	J	Diode DAN202K	AB
D5514	RH-EX0516CEZZ	J	Zener Diode, 5.1V	AB
D5520	VHDDAN202K/-1	J	Diode DAN202K	AB

COILS

Ref. No.	Part No.	★	Description	Code
L1101	VP-1M100J1R6N	J	Peaking 10µH	AC
L1201	VP-1M100J1R6N	J	Peaking 10µH	AC
L1301	VP-1M100J1R6N	J	Peaking 10µH	AC

CONTROLS

Ref. No.	Part No.	★	Description	Code
R1649	RVR-M4565CEZZ	J	470k (B)	AC
R1652	RVR-M7906TAZZ	J	68k (B)	AC
R4215	RVR-M7904TAZZ	J	33k (B)	AC

CAPACITORS

[MLFT Multi Layer Film Tip]

Ref. No.	Part No.	★				Code
C1010	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1013	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1038	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1039	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1040	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1041	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C1101	RC-KZ0416CEZZ	J	10	16V	Ceramic	AE
C1102	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1103	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1104	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1105	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1106	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1107	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1108	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1109	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1110	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1111	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1112	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1113	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1114	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1115	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1116	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C1117	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1118	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1119	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1120	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1121	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1122	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1125	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1126	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1127	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1128	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1201	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1202	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1203	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1204	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1205	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1206	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1207	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1208	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1209	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1210	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1211	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1212	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1213	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1214	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1215	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1216	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C1217	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1219	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1225	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1226	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1227	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1228	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1301	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1302	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1303	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1304	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1305	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1306	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1307	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1308	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1309	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1310	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1311	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1312	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1313	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1314	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1315	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1316	VCCCCY1HH5R0C	J	5.0p	50V	Ceramic	AA
C1325	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1326	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1327	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1328	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1401	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1402	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1403	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1404	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1405	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1406	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1407	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1408	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1409	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1410	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1411	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1412	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1413	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1414	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1415	VCCCCY1HH100D	J	10p	50V	Ceramic	AA
C1420	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1421	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1422	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1423	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

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Ref. No.	Part No.	★			Description	Code
C1424	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1425	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1426	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1427	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C1429	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1430	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1432	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1433	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C1434	VCEAPF1EW226M	J	22	25V	Electrolytic	AB
C1435	VCEAPF1EW226M	J	22	25V	Electrolytic	AB
C1436	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1437	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C1438	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1451	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1453	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1460	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C1461	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C1462	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1463	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1464	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1465	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1466	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1467	VCKYTV1CF105Z	J	1.0	16V	Ceramic	AB
C1468	VCFRED1HM822J	J	8200p	50V	MLFT	AD
C1469	VCFYEC1CM334J	J	0.33	16V	MLFT	AE
C1470	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1471	VCKYCY1CF154Z	J	0.15	16V	Ceramic	AB
C1472	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1473	VCE9PF1CW106M	J	10	16V	Elect.(N.P)	AC
C1474	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1475	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1476	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1477	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1478	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1479	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1480	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1481	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1482	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1483	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1484	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1501	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1502	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1503	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1504	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1505	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C1506	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1507	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1508	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1509	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1510	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1511	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1512	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1514	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1515	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1516	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1517	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1518	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1519	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1520	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1522	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1523	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1524	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1525	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1526	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1527	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1528	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1530	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1531	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1532	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1533	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1534	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1535	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C1540	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C1541	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1542	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C1543	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C4201	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4203	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4204	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C4205	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C4206	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4210	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4213	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4214	VCCCCY1EH102J	J	1000p	25V	Ceramic	AB
C4215	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4216	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4217	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4218	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C4220	VCCCCY1HH331J	J	330p	50V	Ceramic	AA
C4221	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C4222	RC-KZ0416CEZZ	J	10	25V	Ceramic	AE
C5001	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5007	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5012	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5015	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5016	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5017	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C5033	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5045	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5046	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5056	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C5057	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5058	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5060	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C5063	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5064	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5065	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5164	VCCCCY1HH221J	J	220p	50V	Ceramic	AA

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Ref. No.	Part No.	★	Description			Code
C5165	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5167	VCKYCY1HB102K	J	1000p	50V	Ceramic	AA
C5170	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5171	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5174	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5507	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5508	VCEAPF1CW476M	J	47	16V	Electrolytic	AC
C5509	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5510	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C5511	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5512	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5513	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C5514	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5515	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5516	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5534	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5535	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5551	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5553	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5554	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C5555	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5556	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5562	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C5564	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C5565	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C5566	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C5567	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA

RESISTORS

R1003	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1015	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R1016	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R1018	QFS-L5015CEZZ	J	Fuse Resistor			AD
R1033	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R1049	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1050	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1051	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1052	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1053	VRS-CY1JF820J	J	82	1/16W	Metal Oxide	AA
R1054	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1055	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1056	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R1057	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1059	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1061	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1062	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R1065	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1066	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1067	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1068	VRS-CY1JF202J	J	2.0k	1/16W	Metal Oxide	AA
R1069	VRS-CY1JF751J	J	750	1/16W	Metal Oxide	AA
R1070	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1071	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1072	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1073	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1074	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1075	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1076	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1077	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1078	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1079	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1080	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1081	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1082	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1083	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1084	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1085	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1086	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1087	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1088	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1089	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1090	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1093	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1094	VRS-CY1JF203J	J	20k	1/16W	Metal Oxide	AA
R1095	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1096	VRS-CY1JF391J	J	390	1/16W	Metal Oxide	AA
R1102	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1103	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R1104	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1105	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1106	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1107	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1108	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1109	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1110	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1111	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1112	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1113	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1114	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1115	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1116	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1117	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1118	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1120	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1122	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1123	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1124	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1125	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1126	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1127	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1128	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1129	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1130	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1131	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1132	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1133	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R1134	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1135	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1136	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★		Description		Code
R1137	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1138	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1139	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1140	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1141	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1142	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1143	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1144	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1145	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1146	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1147	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1148	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1149	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R1150	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1153	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1154	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1155	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1156	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1157	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1158	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1159	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1160	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1161	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1162	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1164	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1165	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1166	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1167	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1168	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1169	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1171	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1172	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1173	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1174	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1175	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1176	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1178	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1179	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1180	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1184	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1185	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1186	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1187	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1188	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1189	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1190	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1191	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1192	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1193	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1194	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1195	VRS-CY1JF2R2J	J	2.2	1/16W	Metal Oxide	AA
R1196	VRS-CY1JF2R2J	J	2.2	1/16W	Metal Oxide	AA
R1201	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1202	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1203	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R1204	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1205	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1206	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1207	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1208	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1209	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1210	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1211	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1212	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1213	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1214	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1215	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1216	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1217	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1218	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1220	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1222	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1223	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1224	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1225	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1226	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1227	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1228	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1229	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1230	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1231	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1234	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1235	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1236	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1237	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1238	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1239	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1240	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1241	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1242	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1243	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1244	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1245	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1246	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1247	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1248	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1249	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R1250	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1253	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1254	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1255	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1256	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1257	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1258	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1259	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1260	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1261	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1262	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1264	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★			Description	Code
R1265	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1266	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1267	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1268	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1269	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1271	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1272	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1273	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1274	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1275	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1276	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1278	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1279	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1280	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1284	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1285	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1286	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1287	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1288	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1289	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1290	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1291	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1292	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1294	VRS-CY1JF333J	J	33k	1/16W	Metal Oxide	AA
R1301	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1302	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1303	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R1304	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1305	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1306	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1307	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1308	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1309	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1310	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1311	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1312	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1313	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1314	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1315	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1316	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1317	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1318	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1320	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1322	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1323	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1324	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1325	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1326	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1327	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1328	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1329	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1330	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1331	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1334	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1335	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1336	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1337	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1338	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1339	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1340	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1341	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1342	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1343	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1344	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1345	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1346	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1347	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1348	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1349	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R1350	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1353	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1354	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1355	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1356	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1357	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1358	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1359	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1360	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1361	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1362	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1364	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1365	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1366	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1367	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1368	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1369	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1371	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1372	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1373	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1374	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1375	VRS-CY1JF3R3J	J	3.3	1/16W	Metal Oxide	AA
R1376	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1378	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1379	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1380	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1384	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1385	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1386	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1387	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1388	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1389	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1390	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1391	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1392	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1393	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1394	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1395	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1396	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1401	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★			Description	Code
R1402	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1403	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1404	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1405	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1406	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1407	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1408	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1409	VRS-CY1JF181J	J	180	1/16W	Metal Oxide	AA
R1410	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1411	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1412	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1413	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1414	VRS-CY1JF332J	J	3.3k	1/16W	Metal Oxide	AA
R1415	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1416	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1417	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1418	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1419	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1420	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1421	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1422	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1423	VRS-CB1JF101J	J	100	1/16W	Metal Oxide	AA
R1424	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1428	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1429	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1430	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1431	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1432	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1433	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1434	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1435	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1436	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1437	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1438	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1439	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R1440	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1441	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1442	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1443	VRS-CY1JF682J	J	6.8k	1/16W	Metal Oxide	AA
R1444	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1445	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1447	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1448	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1449	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1450	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1451	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1452	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1453	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1454	VRS-CY1JF202J	J	2.0k	1/16W	Metal Oxide	AA
R1455	VRS-CY1JF302J	J	3.0k	1/16W	Metal Oxide	AA
R1456	VRS-CY1JF562J	J	5.6k	1/16W	Metal Oxide	AA
R1457	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1458	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1459	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1460	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1461	VRS-CY1JF2R2J	J	2.2	1/16W	Metal Oxide	AA
R1462	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1464	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R1465	VRS-CY1JF2R2J	J	2.2	1/16W	Metal Oxide	AA
R1466	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1467	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1468	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1469	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1470	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1471	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1472	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1473	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1474	VRS-CY1JF123F	J	12k	1/16W	Metal Oxide	AA
R1475	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R1476	VRS-CY1JF510F	J	51	1/16W	Metal Oxide	AA
R1477	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R1478	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1479	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1480	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1483	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1485	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1486	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1487	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R1488	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1489	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1490	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1491	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1492	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R1493	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1494	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1495	VRS-CY1JF104J	J	100k	1/16W	Metal Oxide	AA
R1496	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1497	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1498	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R1501	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1502	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1503	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1504	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1505	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1506	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1507	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1508	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1509	VRS-CY1JF221J	J	220	1/16W	Metal Oxide	AA
R1510	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R1511	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R1512	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R1513	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R1515	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R1517	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1518	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R1529	VRS-CY1JF512F	J	5.1k	1/16W	Metal Oxide	AA
R1530	VRS-CY1JF102F	J	1.0k	1/16W	Metal Oxide	AA
R1531	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R1532	VRS-CY1JF202F	J	2.0k	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R1533	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R1534	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1535	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R1536	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R1537	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1538	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1539	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1540	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1541	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1542	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1543	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1544	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1545	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R1546	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R1547	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1548	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1549	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1550	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1551	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1552	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1553	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1554	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1555	VRS-CY1JF680J	J	68 1/16W Metal Oxide	AA
R1556	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R1557	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1558	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1559	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1560	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1561	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1562	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1563	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1564	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1565	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R1566	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R1567	VRS-CY1JF470J	J	47 1/16W Metal Oxide	AA
R1568	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1575	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R1576	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R1577	VRS-CY1JF821J	J	820 1/16W Metal Oxide	AA
R1580	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1581	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1582	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1583	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1584	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1585	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1586	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1590	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1591	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1592	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1606	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R1607	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1608	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R1609	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1610	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R1611	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1612	VRS-CY1JF392J	J	3.9k 1/16W Metal Oxide	AA
R1613	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1626	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1627	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1628	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1629	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1630	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1631	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1632	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1633	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1634	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1635	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1636	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1637	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R1638	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1639	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R1648	VRS-TV1JD000J	J	0 1/16W Metal Oxide	AA
R1650	VRS-CY1JF124J	J	120k 1/16W Metal Oxide	AA
R1651	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R1653	VRS-CY1JF683J	J	68k 1/16W Metal Oxide	AA
R1654	VRS-CY1JF273J	J	27k 1/16W Metal Oxide	AA
R1657	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA
R1658	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA
R1659	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA
R1660	VRS-CY1JF563J	J	56k 1/16W Metal Oxide	AA
R4210	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4211	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4212	VRS-CY1JF472J	J	4.7k 1/16W Metal Oxide	AA
R4213	VRS-CY1JF333J	J	33k 1/16W Metal Oxide	AA
R4214	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R4217	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4218	VRS-CY1JF332J	J	3.3k 1/16W Metal Oxide	AA
R4223	VRS-CY1JF151J	J	150 1/16W Metal Oxide	AA
R4224	VRS-CY1JF562F	J	5.6k 1/16W Metal Oxide	AA
R4225	VRS-CY1JF272F	J	2.7k 1/16W Metal Oxide	AA
R4226	VRS-CY1JF822F	J	8.2k 1/16W Metal Oxide	AA
R4227	VRS-CY1JF472F	J	4.7k 1/16W Metal Oxide	AA
R4228	VRS-CY1JF393F	J	39k 1/16W Metal Oxide	AA
R4229	VRS-CY1JF392F	J	3.9k 1/16W Metal Oxide	AA
R4230	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4231	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4232	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R4233	VRS-CY1JF153J	J	15k 1/16W Metal Oxide	AA
R4234	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R4237	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R4239	VRS-CY1JF000J	J	0 1/16W Metal Oxide	AA
R5003	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5004	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5005	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5006	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5007	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5008	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5010	VRS-CY1JF101J	J	100 1/16W Metal Oxide	AA
R5011	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA

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OUTPUT UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R5012	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5013	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5016	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5017	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5018	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5022	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5023	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5024	VRS-TX2HF3R9J	J	3.9	1/2W	Metal Oxide	AB
R5031	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5032	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5033	VRS-CY1JF822F	J	8.2k	1/16W	Metal Oxide	AA
R5034	VRS-CY1JF472F	J	4.7k	1/16W	Metal Oxide	AA
R5035	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5036	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5037	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5038	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5039	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5040	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5042	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5044	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5045	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5046	VRS-TW2ED221J	J	220	1/4W	Metal Oxide	AA
R5047	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5048	VRS-TX2HF220J	J	22	1/2W	Metal Oxide	AB
R5053	VRS-CA1JF101J	J	100	1/16W	Metal Oxide	AA
R5055	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5074	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5075	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5076	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5081	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5082	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5084	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5087	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R5093	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5099	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R5105	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5106	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5107	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5108	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5109	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5110	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5111	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5112	VRS-TW2ED000J	J	0	1/4W	Metal Oxide	AB
R5113	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5114	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5121	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5125	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5126	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5127	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5128	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5129	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5130	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5133	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5135	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5137	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5138	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5140	VRN-CY1JF182D	J	1.8k	1/16W	Metal Film	AA
R5142	VRN-CY1JF152D	J	1.5k	1/16W	Metal Film	AB
R5144	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5150	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5151	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5152	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5153	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5155	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5157	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R5159	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5162	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5163	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5164	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5165	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5167	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5168	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R5169	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R5170	VRS-TV1JD000J	J	0	1/16W	Metal Oxide	AA
R5505	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R5506	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5507	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5509	VRS-CB1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5510	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5513	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5514	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5515	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5516	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5517	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R5518	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5519	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5520	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5521	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5525	VRS-CY1JF273F	J	27k	1/16W	Metal Oxide	AA
R5526	VRS-CY1JF184J	J	180k	1/16W	Metal Oxide	AA
R5527	VRN-CY1JF242D	J	2.4k	1/16W	Metal Film	AB
R5528	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R5529	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R5530	VRS-CY1JF472J	J	4.7k	1/16W	Metal Oxide	AA
R5538	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5539	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5540	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5543	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R5550	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R5551	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5552	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R5553	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R5554	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R5555	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5556	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5557	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB
R5558	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R5570	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R5571	VRS-CY1JF103F	J	10k	1/16W	Metal Oxide	AA

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Ref. No.	Part No.	★	Description	Code
R5573	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R5577	VRS-CY1JF683F	J	68k 1/16W Metal Oxide	AA
R5578	VRS-CY1JF102F	J	1.0k 1/16W Metal Oxide	AA
R5579	VRS-CY1JF822F	J	8.2k 1/16W Metal Oxide	AA
R5580	VRS-CY1JF823F	J	82k 1/16W Metal Oxide	AA
R5590	VRS-CY1JF102J	J	1.0k 1/16W Metal Oxide	AA
R5619	VRS-CY1JF682J	J	6.8k 1/16W Metal Oxide	AA
R5620	VRS-CY1JF562J	J	5.6k 1/16W Metal Oxide	AA
R5621	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5622	VRS-TX2HF2R2J	J	2.2 1/2W Metal Oxide	AB
R5623	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5624	VRS-CY1JF103F	J	10k 1/16W Metal Oxide	AA
R5625	VRS-CY1JF122F	J	1.2k 1/16W Metal Oxide	AA
R5626	VRS-CY1JF683F	J	68k 1/16W Metal Oxide	AA
R5628	VRS-CY1JF103J	J	10k 1/16W Metal Oxide	AA
R5629	VRS-CY1JF223J	J	22k 1/16W Metal Oxide	AA
R5630	VRS-CY1JF393J	J	39k 1/16W Metal Oxide	AA

SWITCH

S5001	QSW-K0065GEZZ	J	Key Switch	AC

MISCELLANEOUS PARTS

F1401	QFS-L8012CEZZ	J	Fuse, 0.8 A	AF
F1601	QFS-L8012CEZZ	J	Fuse, 0.8 A	AF
FB1101	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1102	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1103	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1104	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1105	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1107	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1201	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1202	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1203	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1204	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1205	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1206	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1301	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1302	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1303	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1304	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1305	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1306	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1401	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1402	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1501	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1503	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1505	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1508	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1509	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1510	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB1511	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5501	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5502	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5504	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5505	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5507	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5508	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5509	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5510	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB5512	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5513	RBLN-0065CEZZ	J	Ferrite Bead	AB
FB5516	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5517	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB5518	RBLN-0065CEZZ	J	Ferrite Bead	AB
P5501	QPLGN0174FJZZ	J	Plug, 2-pin (Q)	AC
P5503	QPLGN0264TAZZ	J	Plug, 2-pin (L)	AC
P5504	QPLGN0174FJZZ	J	Plug, 2-pin (F)	AC
P5505	QPLGN0176FJZZ	J	Plug, 4-pin (FS)	AD
P5506	QPLGN0176FJZZ	J	Plug, 4-pin (FN)	AD
P5507	QPLGN0175FJZZ	J	Plug, 3-pin (FP)	AD
P5508	QPLGN0864TAZZ	J	Plug, 8-pin	AD
P5509	QPLGN0436FJZZ	J	Plug, 28-pin	AE
SC1101	QSOCN3276TAZZ	J	Socket, 32-pin	AH
SC1201	QSOCN3276TAZZ	J	Socket, 32-pin	AH
SC1301	QSOCN3276TAZZ	J	Socket, 32-pin	AH
SC1404	QCNCW6054TAZZ	J	Connector, 60-pin	AK
SC1405	QCNCW6054TAZZ	J	Connector, 60-pin	AK
SC1501	QSOCZ2058CEZZ	J	Socket, 20-pin	AG
SC1502	QSOCZ2058CEZZ	J	Socket, 20-pin	AG
SC5001	QSOCN1897REZZ	J	Socket, 18-pin (KY)	AE
SC5502	QCNCW6054TAZZ	J	Connector, 60-pin	AK
RMC7502	RRMCU0229CEZZ	J	R/C Receiver	AH
TP1101	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1102	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1201	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1202	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1301	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1302	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1446	QLUGP0111TAFW	J	Lug, Test Point	AA
TP1447	QLUGP0111TAFW	J	Lug, Test Point	AA

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VIDEO UNIT

INTGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC6001	VHiNJM2245M-1	J	NJM2245M	AF
IC6004	VHiMC141627-1	J	MC141627FT	AY

TRANSISTORS

You can substitute "VS2SA1037KQ-1" for "VS2PB709AR/-1" and substitute "VS2SC2412KQ-1" for "VS2PD601AR/-1".

Ref. No.	Part No.	★	Description	Code
Q6002	VS2PB709AR/-1	J	2PB709AR	AB
Q6003	VS2PD601AR/-1	J	2PD601AR	AB
Q6004	VS2PD601AR/-1	J	2PD601AR	AB
Q6008	VS2PD601AR/-1	J	2PD601AR	AB
Q6009	VS2PD601AR/-1	J	2PD601AR	AB
Q6013	VS2PD601AR/-1	J	2PD601AR	AB
Q6015	VSiMX2/////-1	J	iMX2	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D6001	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D6007	VHDMA153///-1	J	Diode MA153	AB
D6009	VHD1SS355//-1	J	Diode 1SS355	AB
D6010	RH-EX0228CEZZ	J	Zener Diode	AB

COILS AND FILTERS

Ref. No.	Part No.	★	Description	Code
FL6002	RFiLN0124GEZZ	J	Filter	AD
FL6003	RFiLN0124GEZZ	J	Filter	AD
FL6004	RFiLN0124GEZZ	J	Filter	AD
FL6005	RFiLN0124GEZZ	J	Filter	AD
FL6006	RFiLN0124GEZZ	J	Filter	AD
FL6011	RCiLF0316CEZZ	J	Filter	AG
FL6012	RCiLF0316CEZZ	J	Filter	AG
L6001	VP-1M270J3R8N	J	Peaking 27µH	AC
L6002	VP-1M330J4R2N	J	Peaking 33µH	AC
L6003	VP-1M330J4R2N	J	Peaking 33µH	AC

CAPACITORS

Ref. No.	Part No.	★				Code
C6001	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6005	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6013	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6014	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6015	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6016	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6017	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C6018	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6019	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6020	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6021	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C6022	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C6023	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C6024	VCCCCY1HH270J	J	27p	50V	Ceramic	AA
C6025	VCEAPF1CW226M	J	22	16V	Electrolytic	AB
C6027	VCE9PF1HW105M	J	1.0	50V	Elect.(N.P)	AC
C6029	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6030	VCEAPF1HW105M	J	1.0	50V	Electrolytic	AB
C6031	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6035	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6037	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C6038	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C6039	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6040	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C6041	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6042	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6043	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C6044	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C6045	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R6001	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6002	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6003	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6004	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6005	VRS-TQ2BD750J	J	75	1/8W	Metal Oxide	AA
R6006	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6007	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R6008	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R6010	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6011	VRS-CY1JF4R7J	J	4.7	1/16W	Metal Oxide	AA
R6047	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6049	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6050	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6051	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6052	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R6053	VRS-CY1JF754J	J	750k	1/16W	Metal Oxide	AA
R6054	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R6055	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6056	VRS-TV1JD152J	J	1.5k	1/16W	Metal Oxide	AA
R6057	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6058	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R6059	VRS-CY1JF273J	J	27k	1/16W	Metal Oxide	AA
R6060	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6061	VRS-CY1JF560J	J	56	1/16W	Metal Oxide	AA
R6062	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6063	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R6064	VRS-CY1JF393J	J	39k	1/16W	Metal Oxide	AA
R6069	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6070	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R6071	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R6072	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6073	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6074	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R6075	VRS-CY1JF153J	J	15k	1/16W	Metal Oxide	AA
R6081	VRS-CY1JF185J	J	1.8M	1/16W	Metal Oxide	AE
R6082	VRS-CY1JF563J	J	56k	1/16W	Metal Oxide	AA
R6085	VRS-CY1JF121J	J	120	1/16W	Metal Oxide	AA
R6087	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R6088	VRS-TQ2BD000J	J	0	1/8W	Metal Oxide	AA
R6089	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R6090	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R6091	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R6092	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R6094	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA

Ref. No.	Part No.	★	Description			Code
R6095	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R6096	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

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VIDEO UNIT (Continued)

MISCELLANEOUS PARTS

FB6001	RBLN-0067CEZZ	J	Ferrite Bead	AC
FB6013	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6014	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6015	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6016	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6017	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6018	RBLN-0059CEZZ	J	Ferrite Bead	AB
FB6019	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6020	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6021	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB6022	RBLN-0062CEZZ	J	Ferrite Bead	AC
J6001	QJAKG0049CEZZ	J	A/V Input	AH
J6003	QSOCD0403GEZZ	J	S-Video Input	AE
SC6001	QSOCZ3043CEZZ	J	Socket, 30-pin (VS)	AG
	PSLDM4519CEFW	J	Shield	AK
	QEARP0093CEFN	J	Erth Plate	AE

Ref. No.	Part No.	★	Description	Code

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PC TERMINAL UNIT

INTEGRATED CIRCUITS

IC3003	VHiTL712CPS-1	J	Tl712CPS	AL
IC3004	VHiTL712CPS-1	J	Tl712CPS	AL
IC3005	VHiTL712CPS-1	J	Tl712CPS	AL
IC3009	VHiTL712CPS-1	J	Tl712CPS	AL
IC3010	VHiTL712CPS-1	J	Tl712CPS	AL
IC3011	VHiEL4332C/-1	J	El4332CS	BA
IC3012	VHiHCT157AF-1	J	TC74HCT157AF	AH
IC3013	VHi24LC21//-1	J	24LC21T	AN
IC3014	VHi24LC21//-1	J	24LC21T	AN
IC3015	VHiTL712CPS-1	J	Tl712CPS	AL
IC3303	VHiNJM2233V-1	J	NJM2233V	AE
IC3304	VHiNJM2233V-1	J	NJM2233V	AE
IC7006	VHiUPD4721G-1	J	UPD4721G-GJG	AQ

TRANSISTOR

You can substitute "VS2SC2412KQ-1" for "VS2PD601AR/-1" .

Q3301	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

D3003	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3004	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3020	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3021	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3022	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3023	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3024	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3028	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3029	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3032	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3033	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3034	VHDMA152WA/-1	J	Diode, MA152WA	AA
D3305	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D3306	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D3307	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D3308	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D3309	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D3310	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D7025	VHDMA3120WA-1	J	Diode, MA3120WA	AK
D7026	VHDMA3120WA-1	J	Diode, MA3120WA	AK
D7027	VHDMA3120WA-1	J	Diode, MA3120WA	AK
D7028	VHDMA3120WA-1	J	Diode, MA3120WA	AK

COIL

L3006	VP-1M100J1R6N	J	Peaking 10µH	AC

CAPACITORS

C3001	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3002	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3003	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3004	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3005	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3006	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

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PC TERMINAL UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
C3008	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3009	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3010	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3027	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3028	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3029	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3030	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3031	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3032	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3033	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3034	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3039	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3040	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3041	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3042	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3043	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3044	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3045	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3046	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3047	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3062	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3063	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3065	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3066	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3070	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C3071	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3073	VCKYCY1HB103K	J	0.01	50V	Ceramic	AA
C3075	VCCCCY1HH330J	J	33p	50V	Ceramic	AA
C3076	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3077	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3078	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C3080	VCEAPF0JW226M	J	22	6.3V	Electrolytic	AB
C3303	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3304	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3311	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3312	VCCCCY1HH101J	J	100p	50V	Ceramic	AA
C3313	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3314	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3319	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3320	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3321	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3322	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C3323	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7001	VCEAPF0JW476M	J	47	6.3V	Electrolytic	AB
C7017	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7018	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7019	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C7020	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7021	VCEAPF1HW225M	J	2.2	50V	Electrolytic	AB
C7501	VCEAPF0JW107M	J	100	6.3V	Electrolytic	AC
C7502	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★			Description	Code
R2001	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R2002	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R2003	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3004	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3005	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3006	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3007	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3008	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3009	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3010	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3011	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3012	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3013	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3014	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3015	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3016	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3017	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3018	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3025	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3026	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3027	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3046	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3054	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3055	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3056	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3057	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3058	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3059	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3060	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3061	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3062	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3063	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3092	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3093	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3094	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3096	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3100	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3102	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3103	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3112	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3116	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3117	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3118	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3119	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3120	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3121	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3130	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3131	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3132	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3138	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3139	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3140	VRS-TW2ED750J	J	75	1/4W	Metal Oxide	AA
R3141	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3142	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R3143	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA

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PC TERMINAL UNIT(Continued)

Ref. No.	Part No.	★	Description			Code
R3144	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3145	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3146	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3147	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3149	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3150	VRS-CY1JF271J	J	270	1/16W	Metal Oxide	AA
R3151	VRS-CY1JF222J	J	2.2k	1/16W	Metal Oxide	AA
R3152	VRS-CY1JF392J	J	3.9k	1/16W	Metal Oxide	AA
R3153	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3154	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3155	VRS-CY1JF270J	J	27	1/16W	Metal Oxide	AA
R3156	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3157	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3158	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3159	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R3160	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3161	VRS-CY1JF270J	J	27	1/16W	Metal Oxide	AA
R3162	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3163	VRS-CY1JF270J	J	27	1/16W	Metal Oxide	AA
R3164	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3165	VRS-CY1JF270J	J	27	1/16W	Metal Oxide	AA
R3166	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R3301	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R3302	VRS-CY1JF123J	J	12k	1/16W	Metal Oxide	AA
R3303	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R3304	VRS-CY1JF224J	J	220k	1/16W	Metal Oxide	AA
R3309	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R3310	VRS-CY1JF681J	J	680	1/16W	Metal Oxide	AA
R3311	VRS-CY1JF105J	J	1.0M	1/16W	Metal Oxide	AA
R3312	VRS-CY1JF105J	J	1.0M	1/16W	Metal Oxide	AA
R3319	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3320	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3321	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3322	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3323	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R3324	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R3325	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R3326	VRS-TV1JD122J	J	1.2k	1/16W	Metal Oxide	AA
R3327	VRS-CY1JF272J	J	2.7k	1/16W	Metal Oxide	AA
R3328	VRS-CY1JF152J	J	1.5k	1/16W	Metal Oxide	AA
R7045	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R7048	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R7090	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7091	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7501	VRS-CY1JF471J	J	470	1/16W	Metal Oxide	AA
R7562	VRS-TX2HF220J	J	22	1/2W	Metal Oxide	AB
R7563	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7564	VRS-CY1JF101J	J	100	1/16W	Metal Oxide	AA
R7565	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R7566	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R7567	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB3001	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3002	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3003	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3004	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3005	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3006	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3007	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3008	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3009	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3010	RBLN-0060TAZZ	J	Ferrite Bead	AB
FB3301	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3302	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3303	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3307	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3308	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB3309	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB7001	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7002	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7003	RBLN-0058TAZZ	J	Ferrite Bead	AC
FB7004	RBLN-0058TAZZ	J	Ferrite Bead	AC
J3301	QJAKJ0008GEZZ	J	Headphone Jack	AD
J3303	QJAKJ0008GEZZ	J	Headphone Jack	AD
SC3001	QSOCZ3043CEZZ	J	Socket, 30-pin (TN)	AG
SC3002	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN1	AM
SC3003	QSOCN0448FJZZ	J	Socket, 15-pin RGB IN2	AM
SC7004	QSOCN0345FJZZ	J	Socket, 9-pin	AM
RMC7501	RRMCU0233CEZZ	J	R/C Receiver	AF
	PSLDM4521CEFW	J	Shield	AK
	QEARP0085CEFW	J	Eath Plate	AD

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SOUND OUT/REGULATOR UNIT

INTEGRATED CIRCUITS

Ref. No.	Part No.	★	Description	Code
IC1030	RH-iX2204CEZZ	J	PQ12TZ11	AG
IC1031	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC1032	VHiPQ05TZ11-1	J	PQ05TZ11	AH
IC7301	VHiTDA7056A-1	J	TDA7056A	AP

TRANSISTORS

You can substitute "VS2SC2412KQ-1" for "VS2PD601AR/-1" .

Ref. No.	Part No.	★	Description	Code
Q1001	VSDTC144EK/-1	J	DTC144EK	AB
Q1002	VSDTC144EK/-1	J	DTC144EK	AB
Q7301	VS2PD601AR/-1	J	2PD601AR	AB

DIODES

Ref. No.	Part No.	★	Description	Code
D1020	VHDDAN202K/-1	J	Diode, DAN202K	AB
D1021	VHDDAN202K/-1	J	Diode, DAN202K	AB
D1022	VHDDAN202K/-1	J	Diode, DAN202K	AB
D1023	RH-EX0226CEZZ	J	Zener Diode, 12V	AB
D1024	RH-EX0226CEZZ	J	Zener Diode, 12V	AB

CAPACITORS

Ref. No.	Part No.	★				Code
C1020	VCEAPF1EW336M	J	33	25V	Electrolytic	AB
C1021	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1022	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1023	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1024	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1025	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1026	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1027	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1028	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1029	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1042	VCEAPF1CW107M	J	100	16V	Electrolytic	AD
C1043	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA
C1046	RC-EZ1174CEZZ	J	470	10V	Electrolytic	AQ
C1047	RC-EZ1175CEZZ	J	120	6.3V	Electrolytic	AK
C1049	RC-EZ1174CEZZ	J	470	10V	Electrolytic	AQ
C1050	RC-EZ1175CEZZ	J	120	6.3V	Electrolytic	AK
C7301	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7302	VCKYTQ1CB474K	J	0.47	16V	Ceramic	AD
C7303	VCEAPF1EW475M	J	4.7	25V	Electrolytic	AB
C7304	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7305	VCCCCY1HH471J	J	470p	50V	Ceramic	AA
C7306	VCEAGA1EW477M	J	470	25V	Electrolytic	AD
C7307	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7308	VCEAPF1CW106M	J	10	16V	Electrolytic	AB
C7310	VCKYCY1EF104Z	J	0.1	25V	Ceramic	AA
C7311	VCKYCY1CF104Z	J	0.1	16V	Ceramic	AA

RESISTORS

Ref. No.	Part No.	★				Code
R1020	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1021	VRS-TX2HF5R6J	J	5.6	1/2W	Metal Oxide	AA
R1022	VRS-TV1JD103J	J	10k	1/16W	Metal Oxide	AA
R1023	VRS-TV1JD103J	J	10k	1/16W	Metal Oxide	AA
R1024	VRS-TV1JD103J	J	10k	1/16W	Metal Oxide	AA
R1027	VRS-TX2HF1R0J	J	1.0	1/2W	Metal Oxide	AA
R1028	VRS-TX2HF1R0J	J	1.0	1/2W	Metal Oxide	AA
R1029	VRS-TX2HF1R0J	J	1.0	1/2W	Metal Oxide	AA
R1030	VRS-TX2HF1R0J	J	1.0	1/2W	Metal Oxide	AA
R1038	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1039	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1042	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA
R1043	VRS-CY1JF684J	J	680k	1/16W	Metal Oxide	AA
R1045	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7301	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R7302	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R7303	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7304	VRS-CY1JF473J	J	47k	1/16W	Metal Oxide	AA
R7305	QFS-J2521CEZZ	J	Fuse Resistor			AF
R7307	VRN-CY1JF103D	J	10k	1/16W	Metal Film	AA
R7308	VRN-CY1JF273D	J	27k	1/16W	Metal Film	AB
R7309	VRN-CY1JF183D	J	18k	1/16W	Metal Film	AA
R7310	VRS-CY1JF102J	J	1.0k	1/16W	Metal Oxide	AA
R7311	VRS-CY1JF103J	J	10k	1/16W	Metal Oxide	AA
R7312	VRS-TX2HF8R2J	J	8.2	1/2W	Metal Oxide	AA
R7313	VRS-CY1JF223J	J	22k	1/16W	Metal Oxide	AA
R7314	VRS-TX2HF000J	J	0	1/2W	Metal Oxide	AA
R7315	VRS-CY1JF000J	J	0	1/16W	Metal Oxide	AA

MISCELLANEOUS PARTS

Ref. No.	Part No.	★	Description	Code
FB1001	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1002	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1003	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1004	RBLN-0062CEZZ	J	Ferrite Bead	AC
FB1005	RBLN-0060CEZZ	J	Ferrite Bead	AC
P1010	QPLGN0428FJZZ	J	Plug, 18-pin (EA)	AD
P1011	QPLGN0430FJZZ	J	Plug, 20-pin (EB)	AD
P7302	QPLGN0864TAZZ	J	Plug, 8-pin (SO)	AD
P7303	QPLGN0174FJZZ	J	Plug, 2-pin (SP)	AC
	PRDAR1551CEFW	J	Heat Sink	AG
	PSLDM4560CEFW	J	Shield	AH

Ref. No.	Part No.	★	Description	Code

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IR-DA UNIT

CAPACITORS

C874	RC-KZ0027TAZZ	J	10	16V	Magnetic	AF
C875	VCKYTV1CF225Z	J	2.2	16V	Ceramic	AC
C876	VCKYTV1CF225Z	J	2.2	16V	Ceramic	AC
C890	VCKYCY1HF103Z	J	0.01	50V	Ceramic	AA
C895	VCCCCY1HH820J	J	82p	50V	Ceramic	AA
C896	VCKYTV1CF225Z	J	2.2	16V	Ceramic	AC

RESISTORS

R885	VRS-CY1JF301J	J	300	1/16W	Metal Oxide	AA
R886	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R896	VRS-CY1JF100J	J	10	1/16W	Metal Oxide	AA
R897	VRS-TX2HF2R2J	J	2.2	1/2W	Metal Oxide	AB

MISCELLANEOUS PARTS

FB801	RBLN-0059CEZZ	J	Ferrite Bead	AB
P802	QPLGZ0556CEZZ	J	Plug, 5-pin	AC
RMC7503	RRMCK0027CEZZ	J	R/C Receiver	AW

RUNTK0631CEZZ
INLET UNIT

PACKAGED CIRCUIT

⚠ Z701	95C0D758A4710	J	ENC471			AK

COILS

⚠ L701	95C0L123R4520	J	Inductor, 6mH (2A)			AV
⚠ L702	95C0L123R4520	J	Inductor, 6mH (2A)			AV

CAPACITORS

⚠ C701	95C0C245Q2240	J	0.22	AC250V	Film	AL
⚠ C702	95C0C245Q2240	J	0.22	AC250V	Film	AL
⚠ C703	95C0C1H8Q2220	J	2200p	250V	Ceramic	AH
⚠ C704	95C0C1H8Q2220	J	2200p	250V	Ceramic	AH
⚠ C705	95C0C245Q2240	J	0.22	AC250V	Film	AL
⚠ C720	95C0C245Q2240	J	0.22	AC250V	Film	AL

RESISTORS

⚠ R701	95C0R105C2740	J	270K	1W		AF
⚠ R749	95C0R379C1560	J	15M	1W		AL

SWITCH

⚠ SW701	95C0K138A0010	J	AC Switch SDDFC3-3B-2	AW

MISCELLANEOUS PARTS

⚠ F701	95C0K718A5R00	J	Fuse 5A 250V	AK
	95C0M851A0010	J	Fuse Holder	AE
⚠ CN701	95C0K212S0010	J	AC Inlet AP-300-3-B-6	AR
⚠ CN702	95C0K207B0020	J	Connector, 3-pin S2P3-VH	AH

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POWER UNIT

INTEGRATED CIRCUITS

⚠ IC702	95C0H502A0160	J	H8D2877	AZ
IC703	95C0H130A0120	J	TA78M12S	AQ
IC704	95C0H195A0010	J	NJM431U	AM
IC751	95C0H195A0010	J	NJM431U	AM
IC7701	95C0H142A0010	J	FA5331M	BB

TRANSISTORS

⚠ Q701	95C0T643A0010	J	2SK2698	AY
Q702	95C0T390A0020	J	2SC3325	AK
Q703	95C0T391A0020	J	2SC2712	AE
Q704	95C0T645A0010	J	2SK2717	AU
Q705	95C0T391A0020	J	2SC2712	AE
Q707	95C0T253A0010	J	2SB1488	AN
Q751	95C0T190A0020	J	2SA1313	AH
Q752	95C0T391A0020	J	2SC2712	AE

DIODES

D701	95C0D119A0060	J	Diode D5SBA60	AS
D702	95C0D223B0060	J	Diode YG912S6	AW
D703	95C0D266A0060	J	Diode ERA83-006	AH
D706	95C0D295A0080	J	Diode 1SS355	AE
D707	95C0D295A0080	J	Diode 1SS355	AE
D708	95C0D490A0410	J	Zener Diode RLZ12C	AF
D709	95C0D264A0020	J	Diode ERB44-02	AG
D710	95C0D490A0150	J	Zener Diode RLZ5.6B	AE
D711	95C0D157A0060	J	Diode ERA15-06	AE
D712	95C0D490A0730	J	Zener Diode RLZ30D	AE
D713	95C0D490A0730	J	Zener Diode RLZ30D	AE
D714	95C0D490A0730	J	Zener Diode RLZ30D	AE
D715	95C0D267A0060	J	Diode ERA22-06	AG
D716	95C0D490A0150	J	Zener Diode RLZ5.6B	AE
D717	95C0D295A0080	J	Diode 1SS355	AE
D718	95C0D157A0060	J	Diode ERA15-06	AE
D719	95C0D490A0730	J	Zener Diode RLZ30D	AE
D720	95C0D264A0100	J	Diode ERB44-10	AL
D751	95C0D273A0040	J	Diode 1R5GH45	AL
D752	95C0D249A0010	J	Diode ERC91	AP
D753	95C0D224B0060	J	Diode YG802C06	AR
D755	95C0D266A0060	J	Diode ERA83-006	AH
D756	95C0D490A0630	J	Zener Diode RLZ24B	AE
D757	95C0D490A0230	J	Zener Diode RLZ7.5A	AE
D758	95C0D295A0080	J	Diode 1SS355	AE
D759	95C0D295A0080	J	Diode 1SS355	AE
D760	95C0D461A1900	J	Zener Diode HZ-18CP	AH
⚠ TRA701	95C0D513A6060	J	Triode AC Semiconductor Switch SM6JZ47	AR

PACKAGED CIRCUITS

⚠ PC701	95C0H723A0010	J	Photo Coupler PC123FY8	AM
⚠ PC702	95C0H723A0010	J	Photo Coupler PC123FY8	AM
⚠ PC703	95C0H723A0010	J	Photo Coupler PC123FY8	AM
⚠ PC704	95C0H723A0010	J	Photo Coupler PC123FY8	AM

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POWER UNIT (Continued)

COIL AND TRANSFORMER

Ref. No.	Part No.	★	Description	Code
L703	95C0L122R6720	J	Inductor	BC
⚠ T701	95C0L200J03420	J	Transformer	BU

CONTROLS

Ref. No.	Part No.	★	Description	Code
VR701	95C0R853E1020	J	1k 1/10W	AH
VR751	95C0R853E1020	J	1k 1/10W	AH

CAPACITORS

Ref. No.	Part No.	★	Description	Code
C706	95C0C238N4740	J	0.47 630V Film	AQ
C707	95C0C3J6M1510	J	150 400V Electrolytic	AY
C708	95C0C195E4720	J	4700p 50V Ceramic	AC
C709	95C0C1A1S2210	J	220p 2kV Ceramic	AF
C710	95C0C195E2230	J	0.022 50V Ceramic	AD
C711	95C0C194E2210	J	220p 50V Ceramic	AD
C713	95C0C195E4720	J	4700p 50V Ceramic	AC
C714	95C0C162E1040	J	0.1 50V Ceramic	AE
C715	95C0C373D8200	J	82 35V Electrolytic	AF
C718	95C0C195E4720	J	4700p 50V Ceramic	AC
C719	95C0C251E3330	J	0.033 50V Film	AD
C721	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C722	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C725	95C0C1A9R4710	J	470p 1kV Ceramic	AF
C726	95C0C195C1040	J	0.1 25V Ceramic	AD
C727	95C0C195C1040	J	0.1 25V Ceramic	AD
C751	95C0C374C4710	J	470 25V Electrolytic	AK
C752	95C0C374C4710	J	470 25V Electrolytic	AK
C753	95C0C3L2B1520	J	1500 16V Electrolytic	AQ
C754	95C0C3L2B1520	J	1500 16V Electrolytic	AQ
C755	95C0C374A1820	J	1800 10V Electrolytic	AM
C756	95C0C374A1820	J	1800 10V Electrolytic	AM
C757	95C0C195C1040	J	0.1 25V Ceramic	AD
C758	95C0C373D8200	J	82 35V Electrolytic	AF
C760	95C0C374C4710	J	470 25V Electrolytic	AK
C761	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C762	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C764	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C765	95C0C1A9R2210	J	220p 1kV Ceramic	AF
C766	95C0C374A1820	J	1800 10V Electrolytic	AM
C7701	95C0C194E4710	J	470p 50V Ceramic	AC
C7702	95C0C194E1010	J	100p 50V Ceramic	AC
C7703	95C0C195C1040	J	0.1 25V Ceramic	AD
C7704	95C0C195C1040	J	0.1 25V Ceramic	AD
C7705	95C0C194E3310	J	330p 50V Ceramic	AC
C7706	95C0C195E1030	J	0.01 50V Ceramic	AC
C7707	95C0C160B1030	J	10000 16V Ceramic	AD

RESISTORS

Ref. No.	Part No.	★	Description	Code
R702	95C0R390T2240	J	220k 1/4W	AC
R703	95C0R390T2240	J	220k 1/4W	AC
R704	95C0R390T2240	J	220k 1/4W	AC
R705	95C0R3Q0V1230	J	12k 1/10W	AB
R706	95C0R3Q0V1030	J	10k 1/10W	AB
R707	95C0R3Q0V1030	J	10k 1/10W	AB
R708	95C0R3Q0V3330	J	33k 1/10W	AB
R709	95C0R390T2240	J	220k 1/4W	AC
R710	95C0R391T1840	J	180k 1/4W	AC
R711	95C0R391T1840	J	180k 1/4W	AC
R712	95C0R3Q3V2220	J	2.2k 1/10W	AC
R713	95C0R391T1840	J	180k 1/4W	AC
R714	95C0R391T1840	J	180k 1/4W	AC
R715	95C0R391T1840	J	180k 1/4W	AC
R716	95C0R516FR100	J	0.1 3W	AN
R718	95C0R390T1010	J	100 1/4W	AC
R719	95C0R390T1000	J	10 1/4W	AC
R720	95C0R522F1000	J	10 5W	AQ
R721	95C0R390T1020	J	1k 1/4W	AC
R722	95C0R451C1000	J	10 1W	AD
R723	95C0R451C1000	J	10 1W	AD
R724	95C0R390T3910	J	390 1/4W	AC
R725	95C0R390T3300	J	33 1/4W	AC
R726	95C0R390T1020	J	1k 1/4W	AC
R727	95C0R390T3330	J	33k 1/4W	AC
R728	95C0R390T3340	J	330k 1/4W	AC
R729	95C0R390T0000	J	0 1/4W	
R730	95C0R390T5620	J	5.6k 1/4W	AC
R731	95C0R390T1510	J	150 1/4W	AC
R732	95C0R390T3310	J	330 1/4W	AC
R733	95C0R3Q0V3330	J	33k 1/10W	AB
R734	95C0R3Q1V4320	J	4.3k 1/8W	AC
R735	95C0R3Q0V4710	J	470 1/10W	AB
R736	95C0R3Q0V3340	J	330k 1/10W	AB
R737	95C0R3Q0V5620	J	5.6k 1/10W	AB
R740	95C0R390T1830	J	18k 1/4W	AC
R741	95C0R3Q1V1030	J	10k 1/10W	AC
R742	95C0R390T3320	J	3.3k 1/4W	AC
R743	95C0R390T3340	J	330k 1/4W	AC
R744	95C0R390T3340	J	330k 1/4W	AC
R745	95C0R390T1010	J	100 1/4W	AC
R746	95C0R109D1840	J	180k 2W	AK
R747	95C0R3Q3V2220	J	2.2k 1/10W	AC
R748	95C0R3Q3V1230	J	12k 1/10W	AC
R751	95C0R3Q0V1020	J	1k 1/10W	AB
R752	95C0K791AR500	J	ICP-S0.5	
R753	95C0R390T0000	J	0 1/4W	
R754	95C0R390T1020	J	1k 1/4W	AC
R755	95C0R390T3320	J	3.3k 1/4W	AC
R756	95C0R3Q0V1020	J	1k 1/10W	AB
R757	95C0R3Q0V1020	J	1k 1/10W	AB
R758	95C0R390T3910	J	390 1/4W	AC
R759	95C0R390T2230	J	22k 1/4W	AC
R760	95C0R3Q0V4700	J	47 1/10W	AB
R761	95C0R3Q0V1020	J	1k 1/10W	AB
R762	95C0R3Q0V1030	J	10k 1/10W	AB
R763	95C0R3Q1V2720	J	2.7k 1/10W	AC
R764	95C0R3Q1V1820	J	1.8k 1/10W	AC
R765	95C0R390T3310	J	330 1/4W	AC
R766	95C0R390T4720	J	4.7k 1/4W	AC
R767	95C0W000A0050	J	0	

Ref. No.	Part No.	★	Description	Code

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R768	95C0R390T2230	J	22k 1/4W	AC
R769	95C0R390T2230	J	22k 1/4W	AC
R7701	95C0R3Q0V8240	J	820k 1/10W	AB
R7703	95C0R3Q1V2220	J	2.2k 1/10W	AC
R7704	95C0R3Q0V1030	J	10k 1/10W	AB
R7705	95C0R3Q0V4740	J	470k 1/10W	AB
R7707	95C0R3Q3V2220	J	2.2k 1/10W	AC
R7709	95C0R3Q0V2200	J	22 1/10W	AB
R7710	95C0R3Q0V2240	J	220k 1/10W	AB
R7711	95C0R3Q1V2230	J	22k 1/10W	AC
R7712	95C0R3Q3V2720	J	2.7k 1/10W	AC
NTC751	95C0D726A1030	J	NTC Thermistor NTH4G33B	AM
PTC701	95C0D802A1010	J	PTC Thermistor	AP

MISCELLANEOUS PARTS

BEA701	95C0L551A0010	J	Ferrite Bead BL02RN1-R62	AD
BEA703	95C0L551A0020	J	Ferrite Bead BL02RN2-R62	AE
ICP751	95C0K759AR800	J	491.800	AM
CN703	95C0PWPS20790	J	Wire ELP-02V	AS
CN704	95C0PWPS20720	J	Wire VHR-4N	AR
CN706	95C0K231B0120	J	Connector 12MQ-ST-L	AM
CN707	95C0K232B0120	J	Connector B12P-MQ-C	AM
CN710	95C0K231B0100	J	Connector 10MQ-ST-L	AL
CN711	95C0K232B0100	J	Connector B10P-MQ- C	AL
CN751	95C0K222B0240	J	Connector S24B-PHD	AP
CN752	95C0K248A0030	J	Connector B3B-EH-A	AF
CN753	95C0K262A0080	J	Connector 08JQ-ST	AP
CN754	95C0K225A0070	J	Connector B8B-XH-A	AM
CN755	95C0K262A0030	J	Connector 03JQ-ST	AL
CN756	95C0K225A0020	J	Connector B3B-XH-A	AG

Ref. No.	Part No.	★	Description	Code

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INTEGRATED CIRCUITS

IC8001	RH-iX3270CEZZ	J	HD6417709	BH
IC8002	9DK001-15061	J	PST600IM	AL
IC8003	9DK001-11016	J	AT24C64N-10SC-2.7	AT
IC8004	9DK001-15052	J	M52722SP	AX
IC8005	9DK001-15027	J	NJM3403AV	AQ
IC8006	9DK001-12055	J	TC7WH241FU	AN
IC8007	9DK001-15061	J	PST600IM	AL
IC8009	9DK001-15048	J	CXA3026AQ	BR
IC8010	9DK001-15048	J	CXA3026AQ	BR
IC8011	9DK001-15048	J	CXA3026AQ	BR
IC8012	9DK001-12062	J	SN74CBT3244PW	AT
IC8013	9DK001-15053	J	TL431CPS	AL
IC8014	9DK001-15027	J	NJM3403AV	AQ
IC8015	9DK001-15028	J	ICS1522M	BS
IC8016	9DK001-12062	J	SN74CBT3244PW	AT
IC8017	9DK001-12062	J	SN74CBT3244PW	AT
IC8019	9DK001-15060	J	PST623XW	AP
IC8020	RH-iX3103CEZZ	J	GMZ1	CP
IC8021	9DK001-16063	J	MB88346BPFV	AR
IC8022	9DK001-12061	J	TC74HCT244	AQ
IC8023	9DK001-15012	J	LM6361M	AY
IC8024	9DK001-15053	J	TL431CPS	AL
IC8025	*Not Available*	–	MB87J1100	—
IC8026	9DK001-12056	J	TC74LVX02FT	AL
IC8027	RH-iX3271CEZZ	J	LH28F320S3NS-L11	BL
IC8028	9DK001-11017	J	MSM51V18165D-60TS-K	BB
IC8029	*Not Available*	–	MB87J1110	—
IC8030	9DK001-12062	J	SN74CBT3244PW	AT
IC8031	9DK001-12062	J	SN74CBT3244PW	AT
IC8032	9DK001-12062	J	SN74CBT3244PW	AT
IC8033	RH-iX3269CEZZ	J	RY5FD3KC	AW
IC8034	9DK001-15008	J	TL712CPS	AP
IC8035	9DK001-11018	J	MB81F161622B-70	BD
IC8036	9DK001-15008	J	TL712CPS	AP
IC8038	9DK001-11018	J	MB81F161622B-70	BD
IC8039	9DK001-11018	J	MB81F161622B-70	BD
IC8040	9DK001-15062	J	LM4040CIM3-4.1	AS
IC8046	9DK001-11019	J	MB81F161622B-80	BC
IC8048	RH-iX3293CEZZ	J	GA3	BC
IC8051	9DK001-15065	J	CXD2309Q	
IC8052	9DK001-12055	J	TC7WH241FU	AN
IC8053	9DK001-12057	J	TC74LVX86FT	AM
IC8054	9DK001-12055	J	TC7WH241FU	AN
IC8055	9DK001-12060	J	TC74LCX74FT	AN
IC8056	9DK001-12058	J	HD74LVC00T	AK
IC8057	9DK001-12059	J	TC74LCX04FT	AM

TRANSISTORS

Q8001	9DK001-20024	J	HN1C01F	AF
Q8004	9DK001-20022	J	2SC2712 (Y)	AD
Q8005	9DK001-20015	J	2SC3735 (B35)	AF
Q8006	9DK001-20022	J	2SC2712 (Y)	AD

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★	Description	Code
Q8007	9DK001-20015	J	2SC3735 (B35)	AF
Q8008	9DK001-20022	J	2SC2712 (Y)	AD
Q8009	9DK001-20015	J	2SC3735 (B35)	AF
Q8010	9DK001-20012	J	2SA1037AKQ	AE
Q8011	9DK001-20011	J	2SC2412KQ	AE
Q8012	9DK001-20025	J	IMB3A	AB

DIODES

D8001	9DK001-30001	J	1SS193 (F3)	AC
D8002	9DK001-30001	J	1SS193 (F3)	AC
D8003	9DK001-30001	J	1SS193 (F3)	AC
D8004	9DK001-30001	J	1SS193 (F3)	AC
D8005	9DK001-30001	J	1SS193 (F3)	AC

PACKAGED CIRCUITS

X8001	9DK001-80012	J	Crystal, 6MHz	AN
X8002	9DK001-80015	J	Crystal, 32.768kHz	AS
X8003	9DK001-80011	J	Crystal, 1.8432MHz	AS
X8004	9DK001-80013	J	Crystal, 22.165MHz	AN
X8005	9DK001-80014	J	Crystal, 16.25MHz	AN

FILTERS

FL8002	9DK001-82020	J	Filter, BMK351	AG
FL8003	9DK001-82020	J	Filter, BMK351	AG
FL8004	9DK001-82020	J	Filter, BMK351	AG
FL8005	9DK001-82020	J	Filter, BMK351	AG
FL8006	9DK001-82020	J	Filter, BMK351	AG
FL8007	9DK001-82020	J	Filter, BMK351	AG
FL8008	9DK001-82020	J	Filter, BMK351	AG
FL8009	9DK001-82020	J	Filter, BMK351	AG
FL8010	9DK001-82020	J	Filter, BMK351	AG
FL8011	9DK001-82020	J	Filter, BMK351	AG
FL8012	9DK001-82020	J	Filter, BMK351	AG
FL8013	9DK001-82020	J	Filter, BMK351	AG
FL8014	9DK001-82020	J	Filter, BMK351	AG
FL8015	9DK001-82020	J	Filter, BMK351	AG
FL8016	9DK001-82020	J	Filter, BMK351	AG
FL8020	9DK001-82020	J	Filter, BMK351	AG
FL8021	9DK001-82020	J	Filter, BMK351	AG
FL8022	9DK001-82020	J	Filter, BMK351	AG
FL8023	9DK001-82020	J	Filter, BMK351	AG
FL8026	9DK001-82020	J	Filter, BMK351	AG
FL8027	9DK001-82020	J	Filter, BMK351	AG
FL8028	9DK001-82020	J	Filter, BMK351	AG
FL8029	9DK001-82020	J	Filter, BMK351	AG
FL8030	9DK001-82020	J	Filter, BMK351	AG
FL8031	9DK001-82020	J	Filter, BMK351	AG
FL8032	9DK001-82020	J	Filter, BMK351	AG
FL8034	9DK001-82020	J	Filter, BMK351	AG
FL8035	9DK001-82020	J	Filter, BMK351	AG
FL8036	9DK001-82020	J	Filter, BMK351	AG
FL8037	9DK001-82020	J	Filter, BMK351	AG
FL8039	9DK001-82020	J	Filter, BMK351	AG
FL8040	9DK001-82020	J	Filter, BMK351	AG
FL8041	9DK001-82020	J	Filter, BMK351	AG
FL8042	9DK001-82020	J	Filter, BMK351	AG
FL8047	9DK001-82020	J	Filter, BMK351	AG
FL8048	9DK001-82020	J	Filter, BMK351	AG
FL8049	9DK001-82020	J	Filter, BMK351	AG
FL8050	9DK001-82020	J	Filter, BMK351	AG
FL8051	9DK001-82020	J	Filter, BMK351	AG
FL8053	9DK001-82020	J	Filter, BMK351	AG
FL8054	9DK001-82020	J	Filter, BMK351	AG
FL8055	9DK001-82020	J	Filter, BMK351	AG
FL8056	9DK001-82020	J	Filter, BMK351	AG
FL8057	9DK001-82020	J	Filter, BMK351	AG
FL8058	9DK001-82020	J	Filter, BMK351	AG

CAPACITORS

C8001	9DK001-42094	J	0.1	25V	Ceramic	AC
C8002	9DK001-42094	J	0.1	25V	Ceramic	AC
C8004	9DK001-42094	J	0.1	25V	Ceramic	AC
C8005	9DK001-42094	J	0.1	25V	Ceramic	AC
C8006	9DK001-42096	J	0.01	50V	Ceramic	AC
C8007	9DK001-42096	J	0.01	50V	Ceramic	AC
C8008	9DK001-42096	J	0.01	50V	Ceramic	AC
C8009	9DK001-42096	J	0.01	50V	Ceramic	AC
C8012	9DK001-42103	J	15p	50V	Ceramic	AC
C8013	9DK001-42103	J	15p	50V	Ceramic	AC
C8014	9DK001-42096	J	0.01	50V	Ceramic	AC
C8015	9DK001-42103	J	15p	50V	Ceramic	AC
C8016	9DK001-42103	J	15p	50V	Ceramic	AC
C8017	9DK001-42096	J	0.01	50V	Ceramic	AC
C8018	9DK001-42096	J	0.01	50V	Ceramic	AC
C8019	9DK001-42104	J	470p	50V	Ceramic	AC
C8020	9DK001-42104	J	470p	50V	Ceramic	AC
C8021	9DK001-42096	J	0.01	50V	Ceramic	AC
C8022	9DK001-42096	J	0.01	50V	Ceramic	AC
C8023	9DK001-42096	J	0.01	50V	Ceramic	AC
C8024	9DK001-40077	J	10	16V	Electrolytic	AF
C8025	9DK001-42096	J	0.01	50V	Ceramic	AC
C8026	9DK001-42096	J	0.01	50V	Ceramic	AC
C8027	9DK001-42096	J	0.01	50V	Ceramic	AC
C8028	9DK001-42096	J	0.01	50V	Ceramic	AC
C8029	9DK001-42096	J	0.01	50V	Ceramic	AC
C8030	9DK001-42105	J	0.047	50V	Ceramic	AC
C8031	9DK001-42094	J	0.1	25V	Ceramic	AC
C8032	9DK001-42094	J	0.1	25V	Ceramic	AC
C8033	9DK001-42094	J	0.1	25V	Ceramic	AC
C8034	9DK001-42096	J	0.01	50V	Ceramic	AC
C8035	9DK001-42096	J	0.01	50V	Ceramic	AC
C8036	9DK001-42096	J	0.01	50V	Ceramic	AC
C8037	9DK001-42096	J	0.01	50V	Ceramic	AC
C8038	9DK001-42096	J	0.01	50V	Ceramic	AC
C8039	9DK001-42094	J	0.1	25V	Ceramic	AC
C8040	9DK001-42096	J	0.01	50V	Ceramic	AC
C8041	9DK001-42096	J	0.01	50V	Ceramic	AC
C8042	9DK001-42096	J	0.01	50V	Ceramic	AC
C8043	9DK001-42096	J	0.01	50V	Ceramic	AC

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Ref. No.	Part No.	★			Description	Code
C8044	9DK001-42096	J	0.01	50V	Ceramic	AC
C8045	9DK001-42096	J	0.01	50V	Ceramic	AC
C8046	9DK001-42096	J	0.01	50V	Ceramic	AC
C8047	9DK001-40084	J	47	6.3V	Electrolytic	AM
C8048	9DK001-42096	J	0.01	50V	Ceramic	AC
C8049	9DK001-42096	J	0.01	50V	Ceramic	AC
C8050	9DK001-42096	J	0.01	50V	Ceramic	AC
C8051	9DK001-42096	J	0.01	50V	Ceramic	AC
C8052	9DK001-42096	J	0.01	50V	Ceramic	AC
C8053	9DK001-42096	J	0.01	50V	Ceramic	AC
C8054	9DK001-42096	J	0.01	50V	Ceramic	AC
C8055	9DK001-42096	J	0.01	50V	Ceramic	AC
C8056	9DK001-42096	J	0.01	50V	Ceramic	AC
C8057	9DK001-40079	J	47	16V	Electrolytic	AG
C8058	9DK001-40079	J	47	16V	Electrolytic	AG
C8059	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8060	9DK001-42096	J	0.01	50V	Ceramic	AC
C8061	9DK001-43018	J	10	16V	Tantalum	AH
C8062	9DK001-42096	J	0.01	50V	Ceramic	AC
C8064	9DK001-42096	J	0.01	50V	Ceramic	AC
C8065	9DK001-40075	J	2.2	50V	Electrolytic	AF
C8066	9DK001-42094	J	0.1	25V	Ceramic	AC
C8067	9DK001-42096	J	0.01	50V	Ceramic	AC
C8068	9DK001-42096	J	0.01	50V	Ceramic	AC
C8069	9DK001-43018	J	10	16V	Tantalum	AH
C8070	9DK001-42096	J	0.01	50V	Ceramic	AC
C8072	9DK001-42096	J	0.01	50V	Ceramic	AC
C8073	9DK001-40075	J	2.2	50V	Electrolytic	AF
C8074	9DK001-42094	J	0.1	25V	Ceramic	AC
C8075	9DK001-42096	J	0.01	50V	Ceramic	AC
C8076	9DK001-42096	J	0.01	50V	Ceramic	AC
C8077	9DK001-43018	J	10	16V	Tantalum	AH
C8078	9DK001-42096	J	0.01	50V	Ceramic	AC
C8080	9DK001-42096	J	0.01	50V	Ceramic	AC
C8081	9DK001-40075	J	2.2	50V	Electrolytic	AF
C8082	9DK001-42094	J	0.1	25V	Ceramic	AC
C8083	9DK001-42096	J	0.01	50V	Ceramic	AC
C8084	9DK001-42096	J	0.01	50V	Ceramic	AC
C8085	9DK001-42094	J	0.1	25V	Ceramic	AC
C8086	9DK001-42094	J	0.1	25V	Ceramic	AC
C8087	9DK001-42096	J	0.01	50V	Ceramic	AC
C8088	9DK001-42094	J	0.1	25V	Ceramic	AC
C8089	9DK001-42094	J	0.1	25V	Ceramic	AC
C8090	9DK001-42094	J	0.1	25V	Ceramic	AC
C8091	9DK001-42096	J	0.01	50V	Ceramic	AC
C8092	9DK001-40079	J	47	16V	Electrolytic	AG
C8093	9DK001-42096	J	0.01	50V	Ceramic	AC
C8095	9DK001-42094	J	0.1	25V	Ceramic	AC
C8096	9DK001-42102	J	2200p	50V	Ceramic	AC
C8097	9DK001-40077	J	10	16V	Electrolytic	AF
C8098	9DK001-42094	J	0.1	25V	Ceramic	AC
C8099	9DK001-42094	J	0.1	25V	Ceramic	AC
C8100	9DK001-42094	J	0.1	25V	Ceramic	AC
C8101	9DK001-42094	J	0.1	25V	Ceramic	AC
C8102	9DK001-40077	J	10	16V	Electrolytic	AF
C8103	9DK001-40077	J	10	16V	Electrolytic	AF
C8104	9DK001-42096	J	0.01	50V	Ceramic	AC
C8105	9DK001-42096	J	0.01	50V	Ceramic	AC
C8106	9DK001-40077	J	10	16V	Electrolytic	AF
C8107	9DK001-40074	J	1	50V	Electrolytic	AF
C8108	9DK001-42094	J	0.1	25V	Ceramic	AC
C8109	9DK001-42094	J	0.1	25V	Ceramic	AC
C8110	9DK001-42094	J	0.1	25V	Ceramic	AC
C8111	9DK001-42096	J	0.01	50V	Ceramic	AC
C8112	9DK001-40077	J	10	16V	Electrolytic	AF
C8113	9DK001-42094	J	0.1	25V	Ceramic	AC
C8114	9DK001-42096	J	0.01	50V	Ceramic	AC
C8115	9DK001-42094	J	0.1	25V	Ceramic	AC
C8116	9DK001-42094	J	0.1	25V	Ceramic	AC
C8117	9DK001-42094	J	0.1	25V	Ceramic	AC
C8118	9DK001-42096	J	0.01	50V	Ceramic	AC
C8119	9DK001-40074	J	1	50V	Electrolytic	AF
C8120	9DK001-42094	J	0.1	25V	Ceramic	AC
C8121	9DK001-42096	J	0.01	50V	Ceramic	AC
C8122	9DK001-40077	J	10	16V	Electrolytic	AF
C8123	9DK001-40077	J	10	16V	Electrolytic	AF
C8124	9DK001-40077	J	10	16V	Electrolytic	AF
C8125	9DK001-42096	J	0.01	50V	Ceramic	AC
C8126	9DK001-42096	J	0.01	50V	Ceramic	AC
C8127	9DK001-42096	J	0.01	50V	Ceramic	AC
C8128	9DK001-42096	J	0.01	50V	Ceramic	AC
C8129	9DK001-40077	J	10	16V	Electrolytic	AF
C8130	9DK001-40077	J	10	16V	Electrolytic	AF
C8131	9DK001-40074	J	1	50V	Electrolytic	AF
C8132	9DK001-40074	J	1	50V	Electrolytic	AF
C8133	9DK001-42094	J	0.1	25V	Ceramic	AC
C8134	9DK001-42094	J	0.1	25V	Ceramic	AC
C8135	9DK001-42094	J	0.1	25V	Ceramic	AC
C8136	9DK001-42094	J	0.1	25V	Ceramic	AC
C8137	9DK001-42094	J	0.1	25V	Ceramic	AC
C8138	9DK001-42094	J	0.1	25V	Ceramic	AC
C8139	9DK001-42096	J	0.01	50V	Ceramic	AC
C8140	9DK001-42096	J	0.01	50V	Ceramic	AC
C8141	9DK001-42094	J	0.1	25V	Ceramic	AC
C8142	9DK001-42096	J	0.01	50V	Ceramic	AC
C8143	9DK001-42094	J	0.1	25V	Ceramic	AC
C8144	9DK001-42096	J	0.01	50V	Ceramic	AC
C8145	9DK001-42094	J	0.1	25V	Ceramic	AC
C8146	9DK001-42094	J	0.1	25V	Ceramic	AC
C8147	9DK001-42094	J	0.1	25V	Ceramic	AC
C8148	9DK001-42094	J	0.1	25V	Ceramic	AC
C8149	9DK001-42094	J	0.1	25V	Ceramic	AC
C8150	9DK001-42094	J	0.1	25V	Ceramic	AC
C8151	9DK001-40074	J	1	50V	Electrolytic	AF
C8152	9DK001-40074	J	1	50V	Electrolytic	AF
C8153	9DK001-42096	J	0.01	50V	Ceramic	AC
C8154	9DK001-42096	J	0.01	50V	Ceramic	AC
C8155	9DK001-42096	J	0.01	50V	Ceramic	AC
C8156	9DK001-42096	J	0.01	50V	Ceramic	AC

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Ref. No.	Part No.	★			Description	Code
C8157	9DK001-42102	J	2200p	50V	Ceramic	AC
C8158	9DK001-42100	J	200p	50V	Ceramic	AC
C8159	9DK001-42096	J	0.01	50V	Ceramic	AC
C8160	9DK001-40077	J	10	16V	Electrolytic	AF
C8161	9DK001-40077	J	10	16V	Electrolytic	AF
C8162	9DK001-42096	J	0.01	50V	Ceramic	AC
C8163	9DK001-42096	J	0.01	50V	Ceramic	AC
C8165	9DK001-42096	J	0.01	50V	Ceramic	AC
C8166	9DK001-42096	J	0.01	50V	Ceramic	AC
C8167	9DK001-42096	J	0.01	50V	Ceramic	AC
C8168	9DK001-42096	J	0.01	50V	Ceramic	AC
C8169	9DK001-42096	J	0.01	50V	Ceramic	AC
C8170	9DK001-42096	J	0.01	50V	Ceramic	AC
C8171	9DK001-42096	J	0.01	50V	Ceramic	AC
C8174	9DK001-42096	J	0.01	50V	Ceramic	AC
C8175	9DK001-42096	J	0.01	50V	Ceramic	AC
C8176	9DK001-42096	J	0.01	50V	Ceramic	AC
C8177	9DK001-42096	J	0.01	50V	Ceramic	AC
C8178	9DK001-42096	J	0.01	50V	Ceramic	AC
C8179	9DK001-42096	J	0.01	50V	Ceramic	AC
C8180	9DK001-42096	J	0.01	50V	Ceramic	AC
C8181	9DK001-42096	J	0.01	50V	Ceramic	AC
C8182	9DK001-42096	J	0.01	50V	Ceramic	AC
C8185	9DK001-42096	J	0.01	50V	Ceramic	AC
C8186	9DK001-42096	J	0.01	50V	Ceramic	AC
C8187	9DK001-42096	J	0.01	50V	Ceramic	AC
C8188	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8189	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8190	9DK001-42096	J	0.01	50V	Ceramic	AC
C8191	9DK001-42096	J	0.01	50V	Ceramic	AC
C8192	9DK001-42096	J	0.01	50V	Ceramic	AC
C8193	9DK001-42096	J	0.01	50V	Ceramic	AC
C8194	9DK001-42096	J	0.01	50V	Ceramic	AC
C8195	9DK001-42096	J	0.01	50V	Ceramic	AC
C8196	9DK001-42096	J	0.01	50V	Ceramic	AC
C8197	9DK001-42096	J	0.01	50V	Ceramic	AC
C8198	9DK001-42096	J	0.01	50V	Ceramic	AC
C8199	9DK001-42094	J	0.1	25V	Ceramic	AC
C8200	9DK001-42096	J	0.01	50V	Ceramic	AC
C8201	9DK001-42096	J	0.01	50V	Ceramic	AC
C8202	9DK001-42096	J	0.01	50V	Ceramic	AC
C8205	9DK001-42096	J	0.01	50V	Ceramic	AC
C8206	9DK001-42096	J	0.01	50V	Ceramic	AC
C8207	9DK001-42096	J	0.01	50V	Ceramic	AC
C8208	9DK001-42096	J	0.01	50V	Ceramic	AC
C8209	9DK001-42096	J	0.01	50V	Ceramic	AC
C8210	9DK001-42096	J	0.01	50V	Ceramic	AC
C8211	9DK001-42096	J	0.01	50V	Ceramic	AC
C8212	9DK001-42096	J	0.01	50V	Ceramic	AC
C8213	9DK001-42096	J	0.01	50V	Ceramic	AC
C8214	9DK001-42096	J	0.01	50V	Ceramic	AC
C8215	9DK001-42096	J	0.01	50V	Ceramic	AC
C8216	9DK001-42103	J	15p	50V	Ceramic	AC
C8217	9DK001-42096	J	0.01	50V	Ceramic	AC
C8218	9DK001-42096	J	0.01	50V	Ceramic	AC
C8219	9DK001-42096	J	0.01	50V	Ceramic	AC
C8220	9DK001-42103	J	15p	50V	Ceramic	AC
C8221	9DK001-42096	J	0.01	50V	Ceramic	AC
C8222	9DK001-42096	J	0.01	50V	Ceramic	AC
C8223	9DK001-42096	J	0.01	50V	Ceramic	AC
C8224	9DK001-42096	J	0.01	50V	Ceramic	AC
C8225	9DK001-42096	J	0.01	50V	Ceramic	AC
C8226	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8227	9DK001-42096	J	0.01	50V	Ceramic	AC
C8228	9DK001-42096	J	0.01	50V	Ceramic	AC
C8229	9DK001-42096	J	0.01	50V	Ceramic	AC
C8230	9DK001-42096	J	0.01	50V	Ceramic	AC
C8231	9DK001-42096	J	0.01	50V	Ceramic	AC
C8232	9DK001-42096	J	0.01	50V	Ceramic	AC
C8233	9DK001-42096	J	0.01	50V	Ceramic	AC
C8234	9DK001-42096	J	0.01	50V	Ceramic	AC
C8238	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8239	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8240	9DK001-42096	J	0.01	50V	Ceramic	AC
C8241	9DK001-42096	J	0.01	50V	Ceramic	AC
C8242	9DK001-42096	J	0.01	50V	Ceramic	AC
C8243	9DK001-42096	J	0.01	50V	Ceramic	AC
C8244	9DK001-42096	J	0.01	50V	Ceramic	AC
C8245	9DK001-42096	J	0.01	50V	Ceramic	AC
C8246	9DK001-42096	J	0.01	50V	Ceramic	AC
C8247	9DK001-42096	J	0.01	50V	Ceramic	AC
C8248	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8249	9DK001-42094	J	0.1	25V	Ceramic	AC
C8250	9DK001-42096	J	0.01	50V	Ceramic	AC
C8251	9DK001-42096	J	0.01	50V	Ceramic	AC
C8252	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8253	9DK001-42094	J	0.1	25V	Ceramic	AC
C8254	9DK001-42096	J	0.01	50V	Ceramic	AC
C8255	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8256	9DK001-42094	J	0.1	25V	Ceramic	AC
C8257	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8258	9DK001-42094	J	0.1	25V	Ceramic	AC
C8259	9DK001-42103	J	15p	50V	Ceramic	AC
C8260	9DK001-42096	J	0.01	50V	Ceramic	AC
C8261	9DK001-42096	J	0.01	50V	Ceramic	AC
C8262	9DK001-42096	J	0.01	50V	Ceramic	AC
C8263	9DK001-40080	J	100	6.3V	Electrolytic	AF
C8264	9DK001-42094	J	0.1	25V	Ceramic	AC
C8265	9DK001-42103	J	15p	50V	Ceramic	AC
C8266	9DK001-42096	J	0.01	50V	Ceramic	AC
C8267	9DK001-42096	J	0.01	50V	Ceramic	AC
C8268	9DK001-42096	J	0.01	50V	Ceramic	AC
C8269	9DK001-40079	J	47	16V	Electrolytic	AG
C8270	9DK001-42094	J	0.1	25V	Ceramic	AC
C8271	9DK001-42096	J	0.01	50V	Ceramic	AC
C8272	9DK001-42096	J	0.01	50V	Ceramic	AC
C8273	9DK001-42096	J	0.01	50V	Ceramic	AC
C8274	9DK001-40081	J	22	6.3V	Electrolytic	AF
C8275	9DK001-42094	J	0.1	25V	Ceramic	AC

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Ref. No.	Part No.	★			Description	Code
C8276	9DK001-42096	J	0.01	50V	Ceramic	AC
C8277	9DK001-42096	J	0.01	50V	Ceramic	AC
C8278	9DK001-42096	J	0.01	50V	Ceramic	AC
C8279	9DK001-42096	J	0.01	50V	Ceramic	AC
C8280	9DK001-42096	J	0.01	50V	Ceramic	AC
C8281	9DK001-42096	J	0.01	50V	Ceramic	AC
C8282	9DK001-42096	J	0.01	50V	Ceramic	AC
C8283	9DK001-42096	J	0.01	50V	Ceramic	AC
C8284	9DK001-42096	J	0.01	50V	Ceramic	AC
C8285	9DK001-42096	J	0.01	50V	Ceramic	AC
C8286	9DK001-42096	J	0.01	50V	Ceramic	AC
C8289	9DK001-42096	J	0.01	50V	Ceramic	AC
C8294	9DK001-42096	J	0.01	50V	Ceramic	AC
C8295	9DK001-42096	J	0.01	50V	Ceramic	AC
C8296	9DK001-42096	J	0.01	50V	Ceramic	AC
C8297	9DK001-42096	J	0.01	50V	Ceramic	AC
C8298	9DK001-42096	J	0.01	50V	Ceramic	AC
C8299	9DK001-42096	J	0.01	50V	Ceramic	AC
C8300	9DK001-42096	J	0.01	50V	Ceramic	AC
C8301	9DK001-42096	J	0.01	50V	Ceramic	AC
C8304	9DK001-42096	J	0.01	50V	Ceramic	AC
C8305	9DK001-42096	J	0.01	50V	Ceramic	AC
C8306	9DK001-42096	J	0.01	50V	Ceramic	AC
C8307	9DK001-42096	J	0.01	50V	Ceramic	AC
C8308	9DK001-42096	J	0.01	50V	Ceramic	AC
C8309	9DK001-42096	J	0.01	50V	Ceramic	AC
C8310	9DK001-42096	J	0.01	50V	Ceramic	AC
C8311	9DK001-42096	J	0.01	50V	Ceramic	AC
C8316	9DK001-42096	J	0.01	50V	Ceramic	AC
C8317	9DK001-42096	J	0.01	50V	Ceramic	AC
C8318	9DK001-42096	J	0.01	50V	Ceramic	AC
C8319	9DK001-42096	J	0.01	50V	Ceramic	AC
C8320	9DK001-42096	J	0.01	50V	Ceramic	AC
C8321	9DK001-42096	J	0.01	50V	Ceramic	AC
C8322	9DK001-42096	J	0.01	50V	Ceramic	AC
C8323	9DK001-42096	J	0.01	50V	Ceramic	AC
C8324	9DK001-42096	J	0.01	50V	Ceramic	AC
C8325	9DK001-42096	J	0.01	50V	Ceramic	AC
C8326	9DK001-42096	J	0.01	50V	Ceramic	AC
C8327	9DK001-42096	J	0.01	50V	Ceramic	AC
C8328	9DK001-42096	J	0.01	50V	Ceramic	AC
C8329	9DK001-42096	J	0.01	50V	Ceramic	AC
C8330	9DK001-42096	J	0.01	50V	Ceramic	AC
C8331	9DK001-42096	J	0.01	50V	Ceramic	AC
C8332	9DK001-42096	J	0.01	50V	Ceramic	AC
C8333	9DK001-42096	J	0.01	50V	Ceramic	AC
C8334	9DK001-42096	J	0.01	50V	Ceramic	AC
C8335	9DK001-42096	J	0.01	50V	Ceramic	AC
C8336	9DK001-42096	J	0.01	50V	Ceramic	AC
C8337	9DK001-40077	J	10	16V	Electrolytic	AF
C8338	9DK001-42096	J	0.01	50V	Ceramic	AC
C8339	9DK001-42094	J	0.1	25V	Ceramic	AC
C8344	9DK001-40083	J	10	6.3V	Electrolytic	AH
C8345	9DK001-42094	J	0.1	25V	Ceramic	AC
C8346	9DK001-42096	J	0.01	50V	Ceramic	AC
C8347	9DK001-42096	J	0.01	50V	Ceramic	AC
C8348	9DK001-42096	J	0.01	50V	Ceramic	AC
C8349	9DK001-42096	J	0.01	50V	Ceramic	AC
C8350	9DK001-42096	J	0.01	50V	Ceramic	AC
C8354	9DK001-42096	J	0.01	50V	Ceramic	AC
C8355	9DK001-42101	J	220p	50V	Ceramic	AC

RESISTORS

FL8001	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8024	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8025	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8033	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8038	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8043	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8044	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8045	9DK001-50110	J	0	1/10W	Chip 2125	AB
FL8046	9DK001-50110	J	0	1/10W	Chip 2125	AB
R8001	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8002	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8003	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8004	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8005	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8006	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8007	9DK001-50209	J	27k	1/16W	Chip 1608	AA
R8009	9DK001-50204	J	150	1/16W	Chip 1608	AA
R8010	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8011	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8012	9DK001-50207	J	6.8k	1/16W	Chip 1608	AA
R8013	9DK001-50207	J	6.8k	1/16W	Chip 1608	AA
R8014	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8015	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8016	9DK001-50198	J	1.69k	1/16W	Chip 1608	AB
R8017	9DK001-50210	J	33k	1/16W	Chip 1608	AA
R8018	9DK001-50199	J	2.15k	1/16W	Chip 1608	AB
R8019	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8020	9DK001-50113	J	0	1/4W	Chip 3216	AB
R8021	9DK001-50113	J	0	1/4W	Chip 3216	AB
R8022	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8023	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8025	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8027	9DK001-50209	J	27k	1/16W	Chip 1608	AA
R8028	9DK001-50183	J	4.7k	1/16W	Chip 1608	AA
R8033	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8034	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8035	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8036	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8037	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8038	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8040	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8041	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8042	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8043	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8044	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8045	9DK001-51029	J	10	1/16W	Resistor Array	AD

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PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R8046	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8047	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8048	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8049	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8050	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8051	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8052	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8053	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8054	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8055	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8056	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8057	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8058	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8059	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8060	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8061	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8062	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8063	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8064	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8065	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8066	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8067	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8068	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8070	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8071	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8072	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8073	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8074	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8075	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8076	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8077	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8078	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8079	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8080	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8081	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8082	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8083	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8084	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8085	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8086	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8087	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8088	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8089	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8090	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8091	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8092	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8093	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8094	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8095	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8096	9DK001-50111	J	75	1/4W	Chip 3216	AB
R8097	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8098	9DK001-50179	J	2.2k	1/16W	Chip 1608	AA
R8099	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8100	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8101	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8102	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8103	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8104	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8105	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8106	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8107	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8108	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8109	9DK001-50202	J	51	1/16W	Chip 1608	AA
R8110	9DK001-50202	J	51	1/16W	Chip 1608	AA
R8111	9DK001-50181	J	3.3k	1/16W	Chip 1608	AA
R8112	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8113	9DK001-50176	J	820	1/16W	Chip 1608	AA
R8114	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8115	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8116	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8117	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8118	9DK001-50171	J	330	1/16W	Chip 1608	AA
R8119	9DK001-50177	J	1k	1/16W	Chip 1608	AA
R8120	9DK001-50177	J	1k	1/16W	Chip 1608	AA
R8121	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8122	9DK001-50211	J	56k	1/16W	Chip 1608	AA
R8123	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8124	9DK001-50195	J	300	1/16W	Chip 1608	AB
R8125	9DK001-50197	J	2.7k	1/16W	Chip 1608	AB
R8126	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8127	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8128	9DK001-50196	J	1.1k	1/16W	Chip 1608	AB
R8129	9DK001-50208	J	12k	1/16W	Chip 1608	AA
R8130	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8131	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8132	9DK001-50152	J	1.5k	1/16W	Chip 1608	AB
R8133	9DK001-50156	J	3.3k	1/16W	Chip 1608	AB
R8135	9DK001-50202	J	51	1/16W	Chip 1608	AA
R8136	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8138	9DK001-50202	J	51	1/16W	Chip 1608	AA
R8139	9DK001-50179	J	2.2k	1/16W	Chip 1608	AA
R8140	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8141	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8143	9DK001-50202	J	51	1/16W	Chip 1608	AA
R8144	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8145	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8147	9DK001-50202	J	51	1/16W	Chip 1608	AA
R8149	9DK001-50189	J	130k	1/16W	Chip 1608	AA
R8150	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8151	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8152	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8153	9DK001-50161	J	47	1/16W	Chip 1608	AA
R8154	9DK001-50173	J	430	1/16W	Chip 1608	AA
R8155	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8156	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8157	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8158	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8159	9DK001-50167	J	180	1/16W	Chip 1608	AA
R8160	9DK001-50163	J	68	1/16W	Chip 1608	AA

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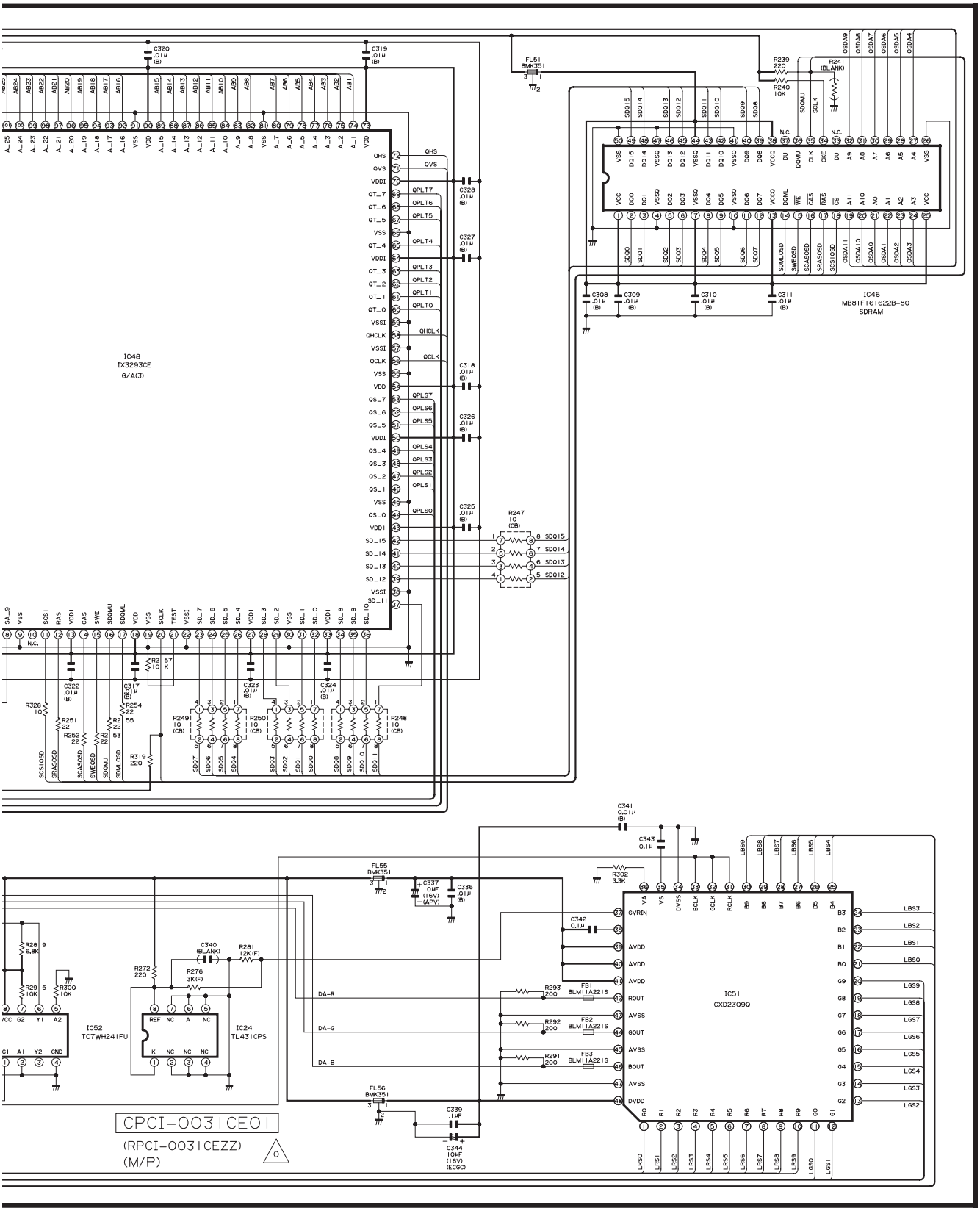
PC I/F UNIT (Continued)

Ref. No.	Part No.	★			Description	Code
R8161	9DK001-50177	J	1k	1/16W	Chip 1608	AA
R8162	9DK001-50163	J	68	1/16W	Chip 1608	AA
R8164	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8165	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8166	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8167	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8168	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8169	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8170	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8171	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8172	9DK001-50201	J	15	1/16W	Chip 1608	AA
R8173	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8174	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8175	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8176	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8177	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8178	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8179	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8180	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8181	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8182	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8183	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8184	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8185	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8186	9DK001-50204	J	150	1/16W	Chip 1608	AA
R8187	9DK001-50203	J	62	1/16W	Chip 1608	AA
R8189	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8190	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8191	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8192	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8193	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8194	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8195	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8196	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8197	9DK001-50190	J	1M	1/16W	Chip 1608	AA
R8198	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8199	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8200	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8202	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8203	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8204	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8205	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8206	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8207	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8209	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8210	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8211	9DK001-50205	J	1.8k	1/16W	Chip 1608	AA
R8212	9DK001-50212	J	100k	1/16W	Chip 1608	AA
R8214	9DK001-50212	J	100k	1/16W	Chip 1608	AA
R8215	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8216	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8217	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8218	9DK001-50164	J	82	1/16W	Chip 1608	AA
R8219	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8220	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8221	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8222	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8223	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8224	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8225	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8227	9DK001-50190	J	1M	1/16W	Chip 1608	AA
R8228	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8229	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8230	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8231	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8232	9DK001-50203	J	62	1/16W	Chip 1608	AA
R8233	9DK001-50204	J	150	1/16W	Chip 1608	AA
R8235	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8236	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8237	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8239	9DK001-50169	J	220	1/16W	Chip 1608	AA
R8240	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8243	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8244	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8245	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8246	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8247	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8248	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8249	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8250	9DK001-51029	J	10	1/16W	Resistor Array	AD
R8251	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8252	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8253	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8254	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8255	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8257	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8258	9DK001-50206	J	2.4k	1/16W	Chip 1608	AA
R8260	9DK001-50206	J	2.4k	1/16W	Chip 1608	AA
R8262	9DK001-50206	J	2.4k	1/16W	Chip 1608	AA
R8264	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8265	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8266	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8267	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8268	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8269	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8270	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8271	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8272	9DK001-50169	J	220	1/16W	Chip 1608	AA
R8273	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8274	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8275	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8276	9DK001-50155	J	3k	1/16W	Chip 1608	AB
R8277	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8278	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8279	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8280	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8281	9DK001-50200	J	12k	1/16W	Chip 1608	AB
R8282	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8283	9DK001-50185	J	10k	1/16W	Chip 1608	AA

Ref. No.	Part No.	★	Description			Code
CPCi-0031CE01						
PC I/F UNIT (Continued)						
R8284	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8285	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8286	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8287	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8288	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8289	9DK001-50207	J	6.8k	1/16W	Chip 1608	AA
R8290	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8294	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8295	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8296	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8297	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8298	9DK001-51030	J	10k	1/16W	Resistor Array	AD
R8299	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8300	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8304	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8305	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8307	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8309	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8312	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8313	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8316	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8317	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8318	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8319	9DK001-50169	J	220	1/16W	Chip 1608	AA
R8320	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8321	9DK001-50173	J	470	1/16W	Chip 1608	AA
R8322	9DK001-50205	J	1.8k	1/16W	Chip 1608	AA
R8323	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8324	9DK001-50177	J	1k	1/16W	Chip 1608	AA
R8325	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8326	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8327	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8328	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8329	9DK001-50162	J	56	1/16W	Chip 1608	AA
R8330	9DK001-50165	J	100	1/16W	Chip 1608	AA
R8332	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8336	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8337	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8338	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8339	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8340	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8341	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8342	9DK001-50150	J	10	1/16W	Chip 1608	AA
R8343	9DK001-50159	J	22	1/16W	Chip 1608	AA
R8344	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8345	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8346	9DK001-50185	J	10k	1/16W	Chip 1608	AA
R8348	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8349	9DK001-50149	J	0	1/16W	Chip 1608	AB
R8350	9DK001-50149	J	0	1/16W	Chip 1608	AB
SWITCH						
S8001	9DK001-70011	J	Switch SSSS712-ZC-B			AM

Ref. No.	Part No.	★	Description	Code
MISCELLANEOUS PARTS				
FB8001	9DK001-81049	J	Inductor BLM11A221S	
FB8002	9DK001-81049	J	Inductor BLM11A221S	
FB8003	9DK001-81049	J	Inductor BLM11A221S	
P8404	9DK001-60038	J	Connector, 60-pin (CON2)	AR
P8405	9DK001-60038	J	Connector, 60-pin (CON4)	AR
P8502	9DK001-60038	J	Connector, 60-pin (CON3)	AR
TP8001	9DK001-84014	J	Lug, Test Point	AE
TP8002	9DK001-84014	J	Lug, Test Point	AE
TP8004	9DK001-84014	J	Lug, Test Point	AE
TP8005	9DK001-84014	J	Lug, Test Point	AE
TP8006	9DK001-84014	J	Lug, Test Point	AE
TP8007	9DK001-84014	J	Lug, Test Point	AE
TP8008	9DK001-84014	J	Lug, Test Point	AE
TP8009	9DK001-84014	J	Lug, Test Point	AE
TP8010	9DK001-84014	J	Lug, Test Point	AE



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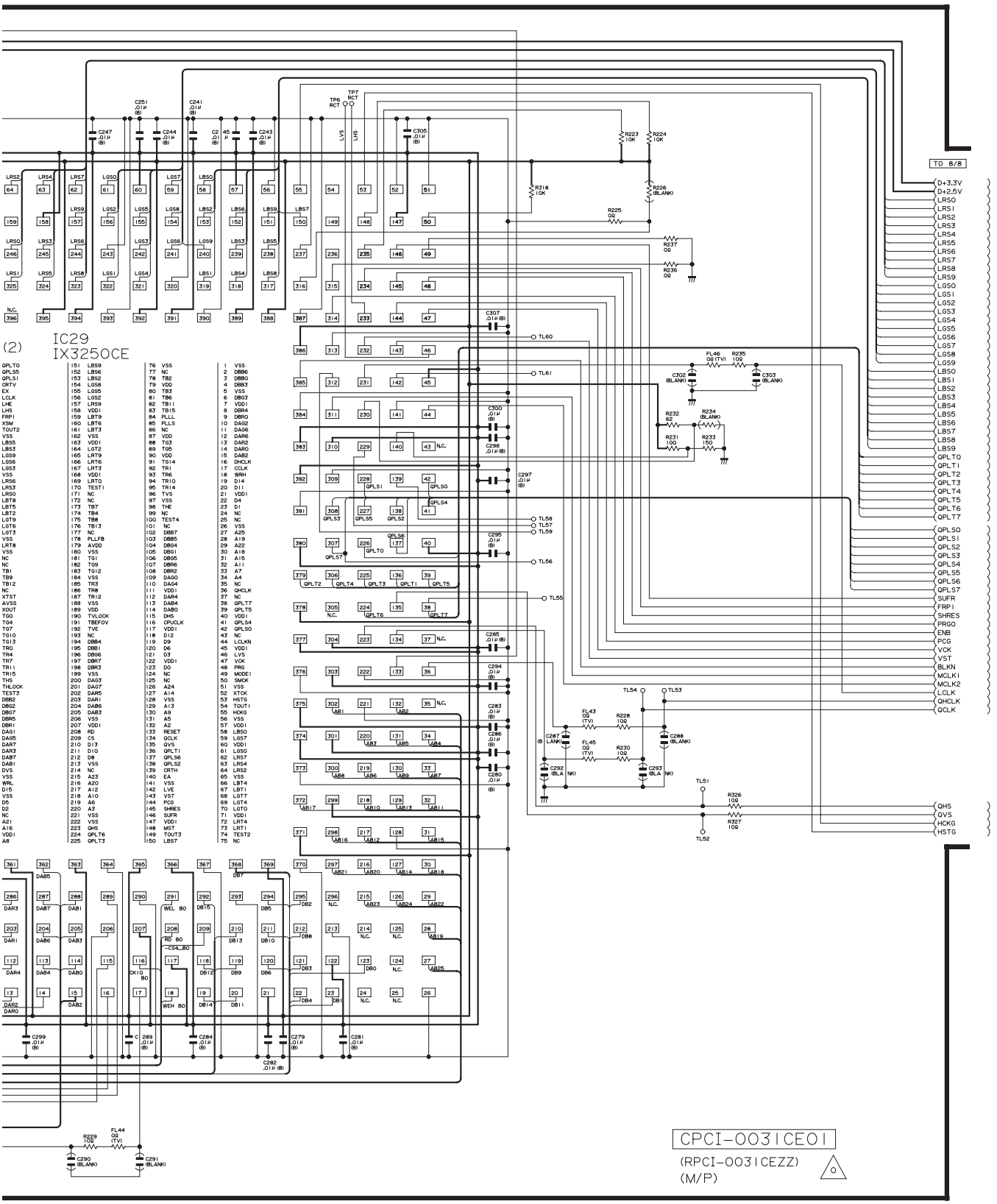

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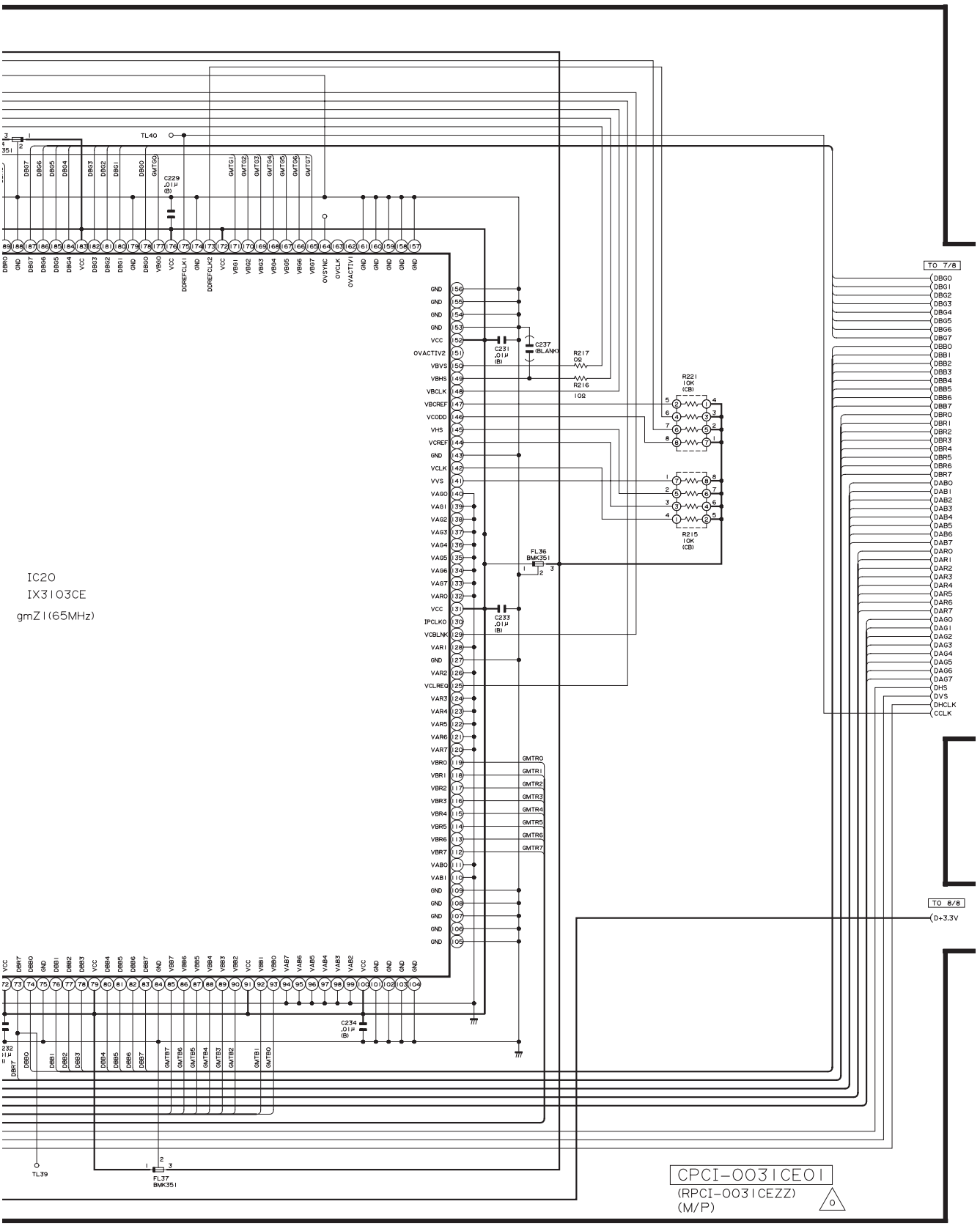

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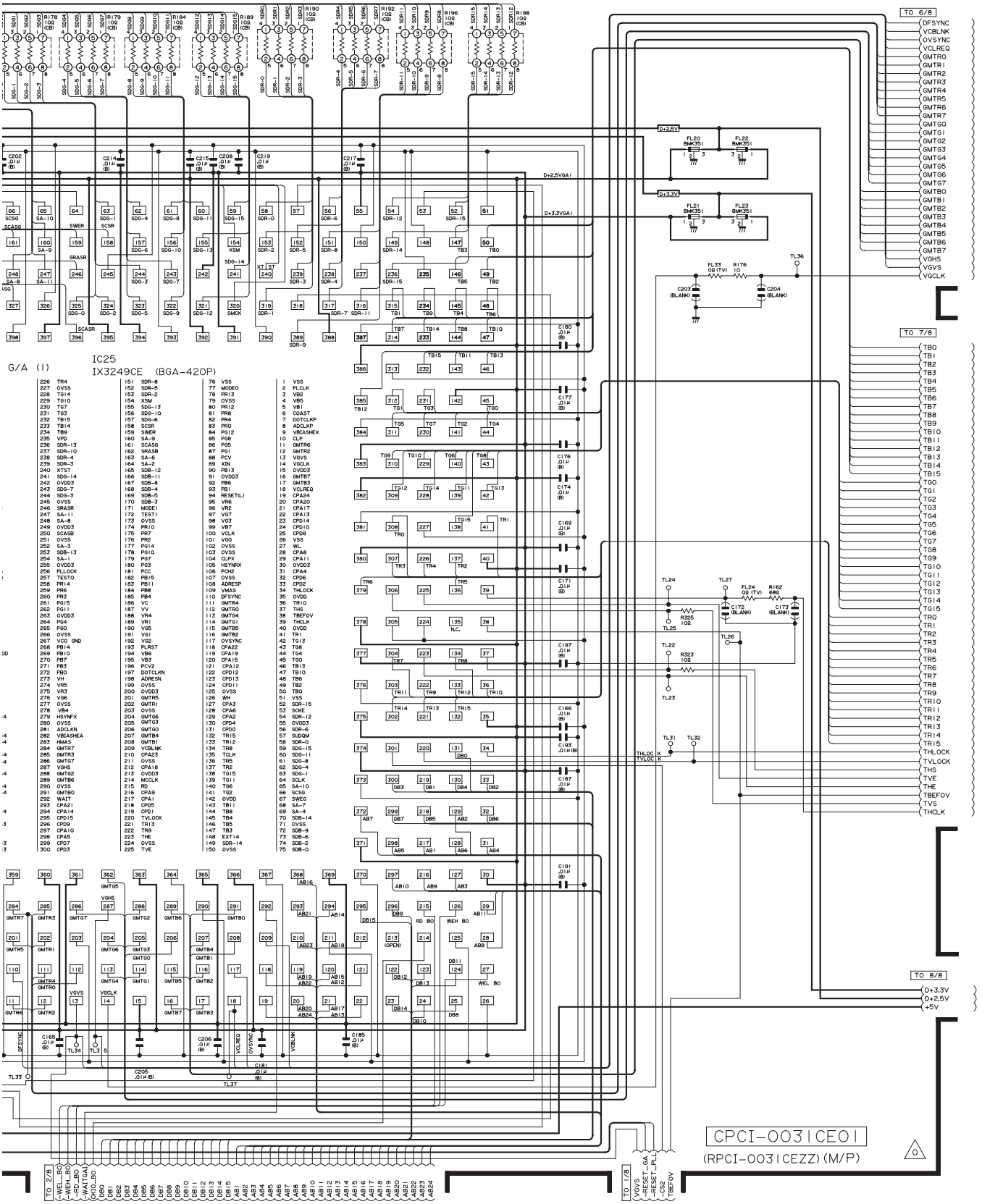
IC25
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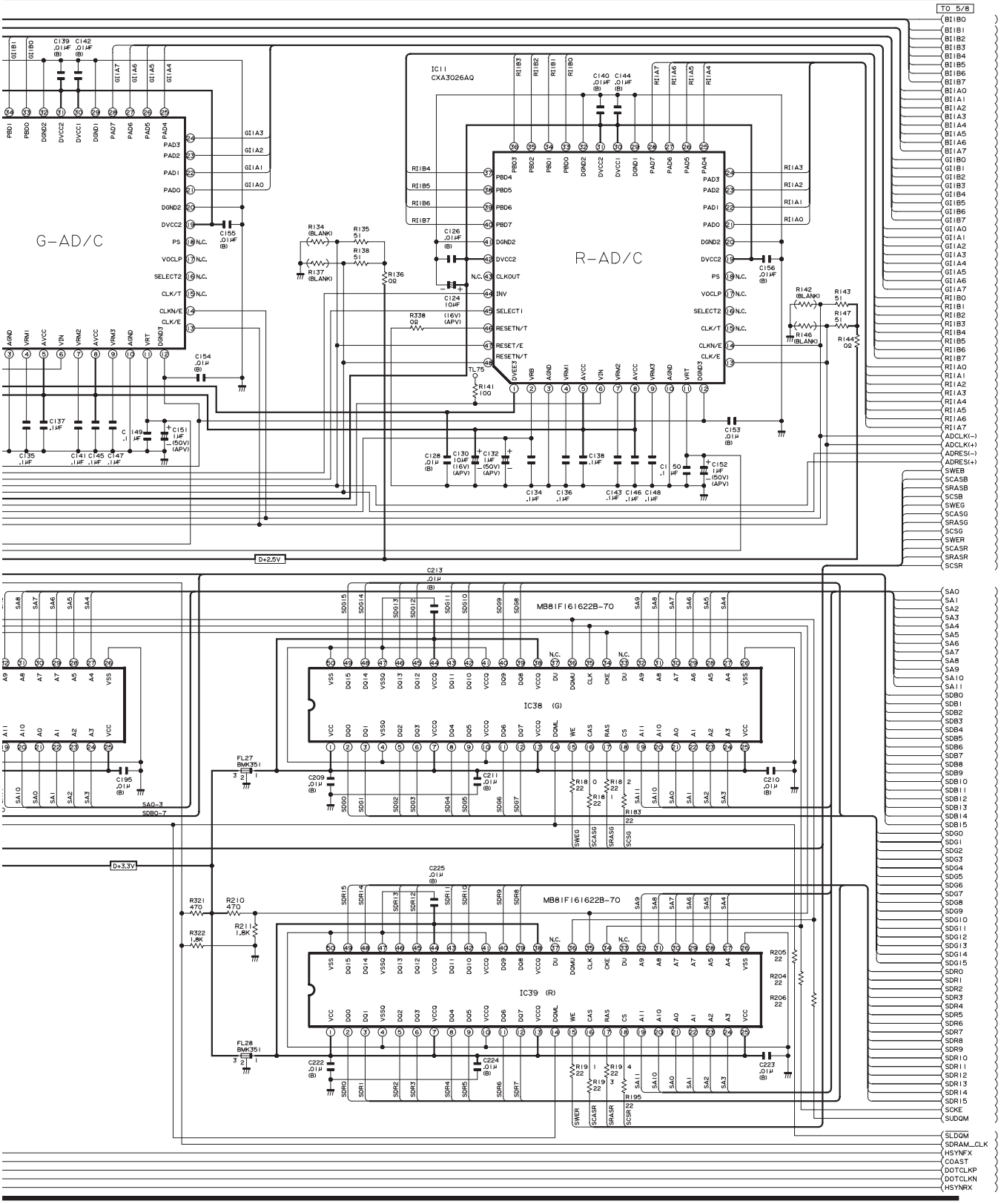
TO 6/8
TO 7/8
TO 8/8
TO 2/8
TO 1/8



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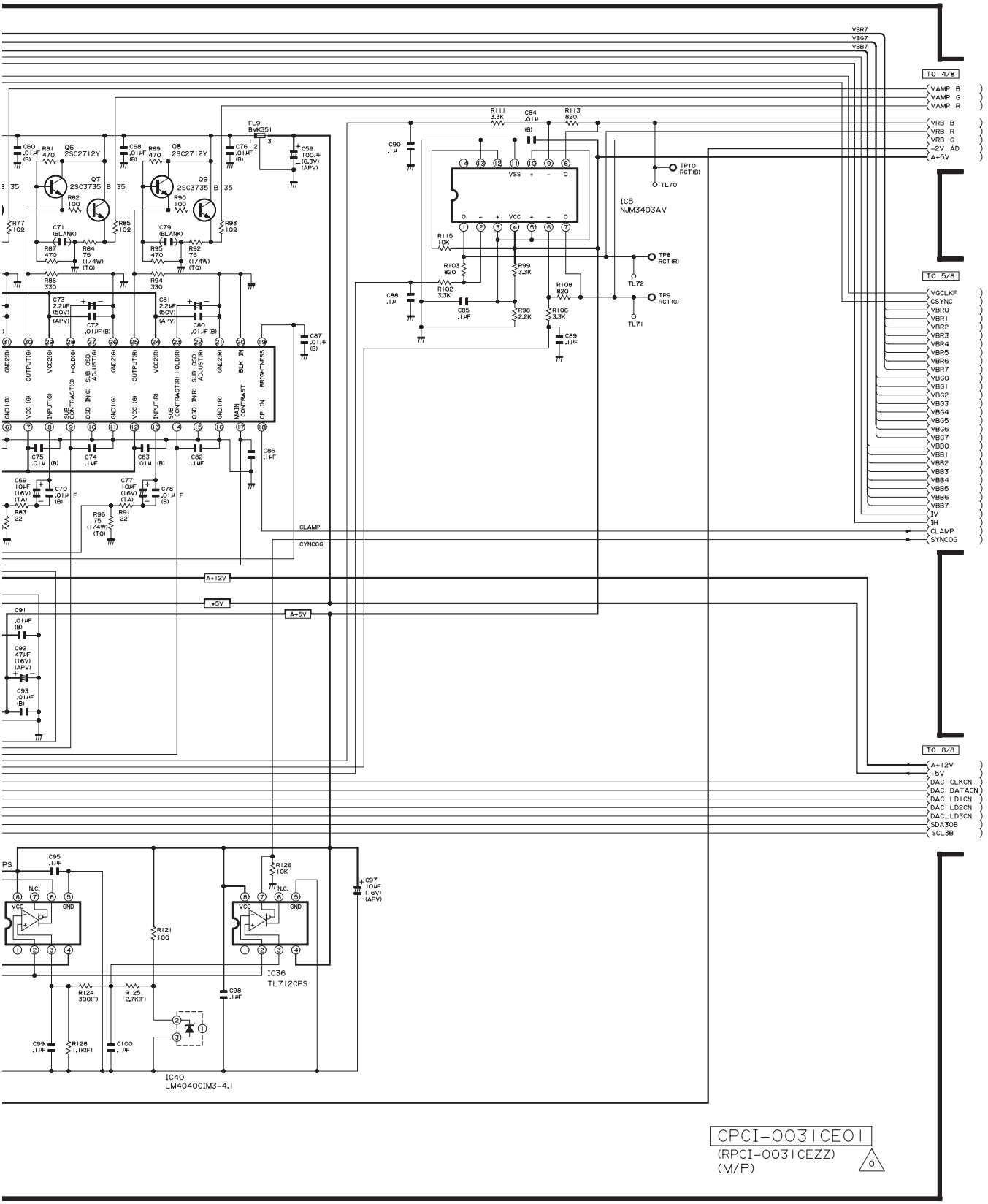

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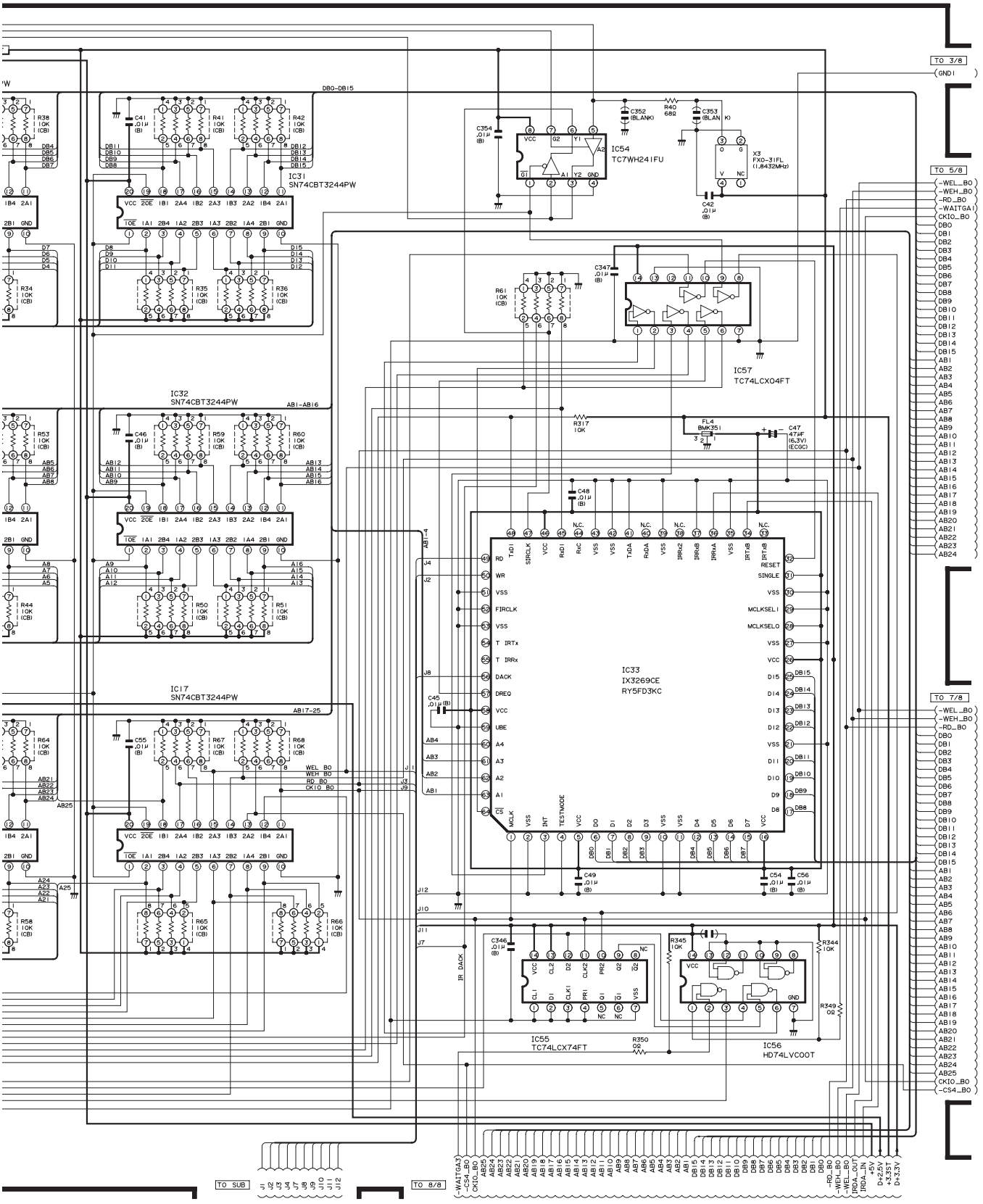

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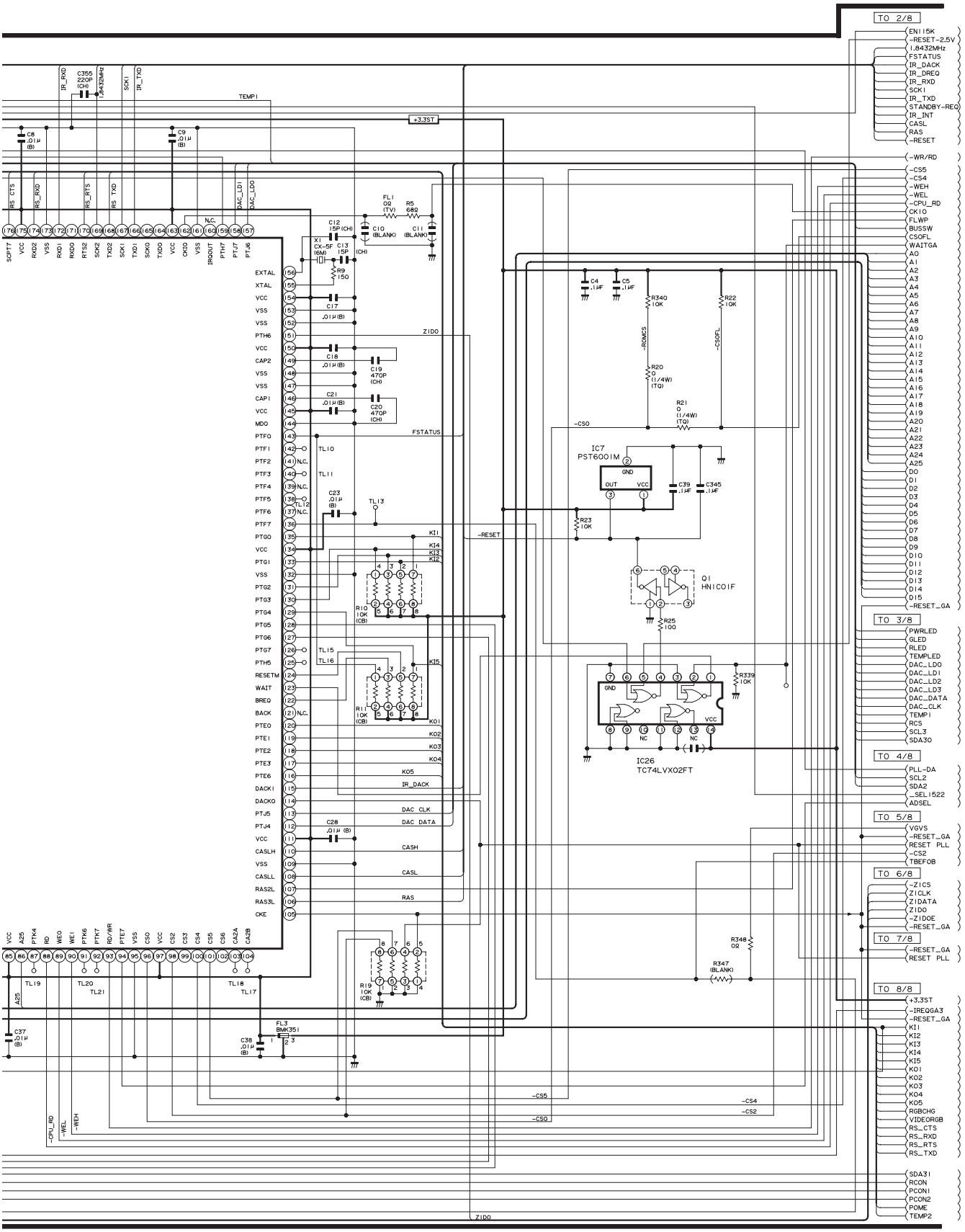

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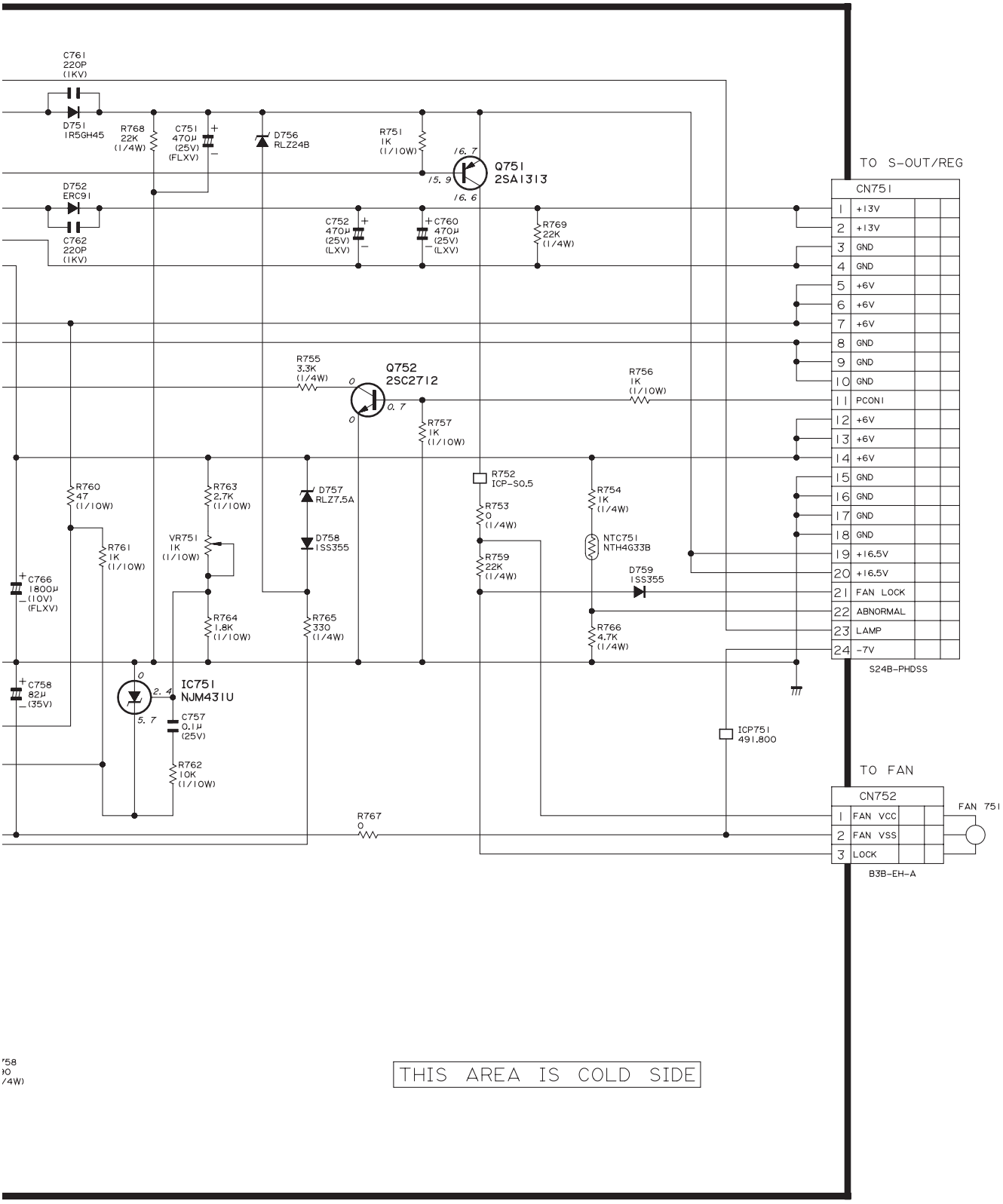

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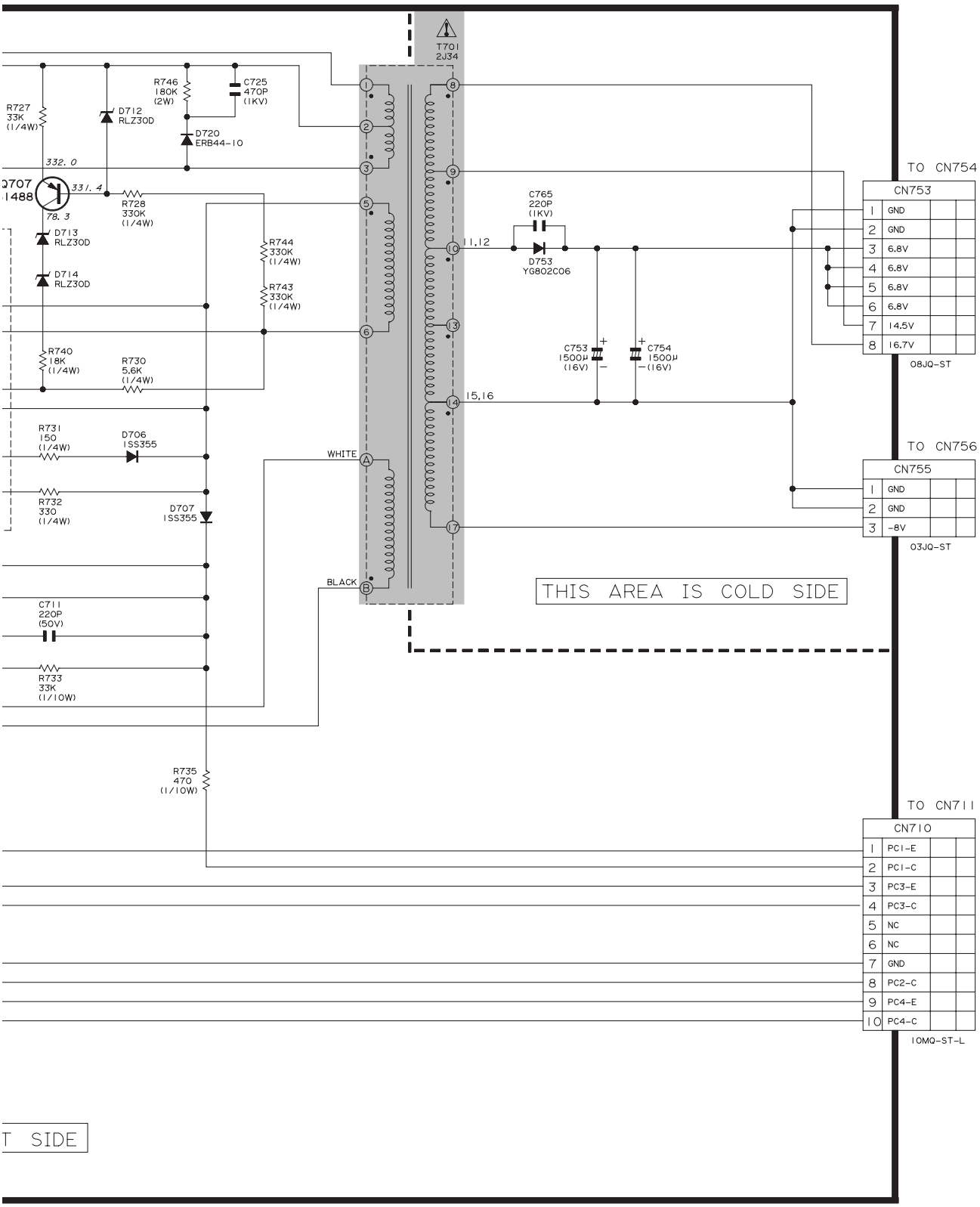

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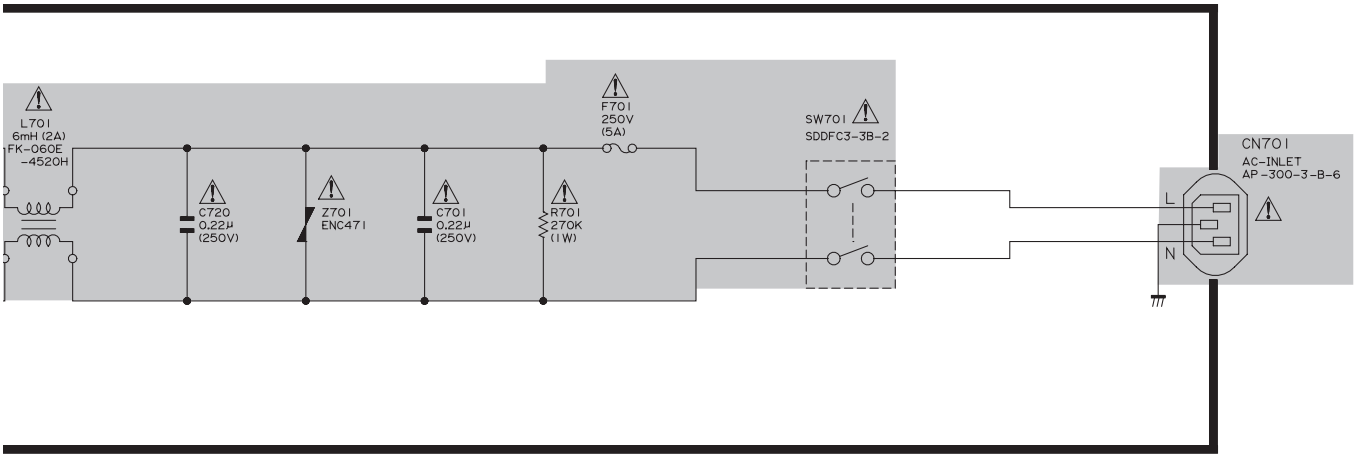

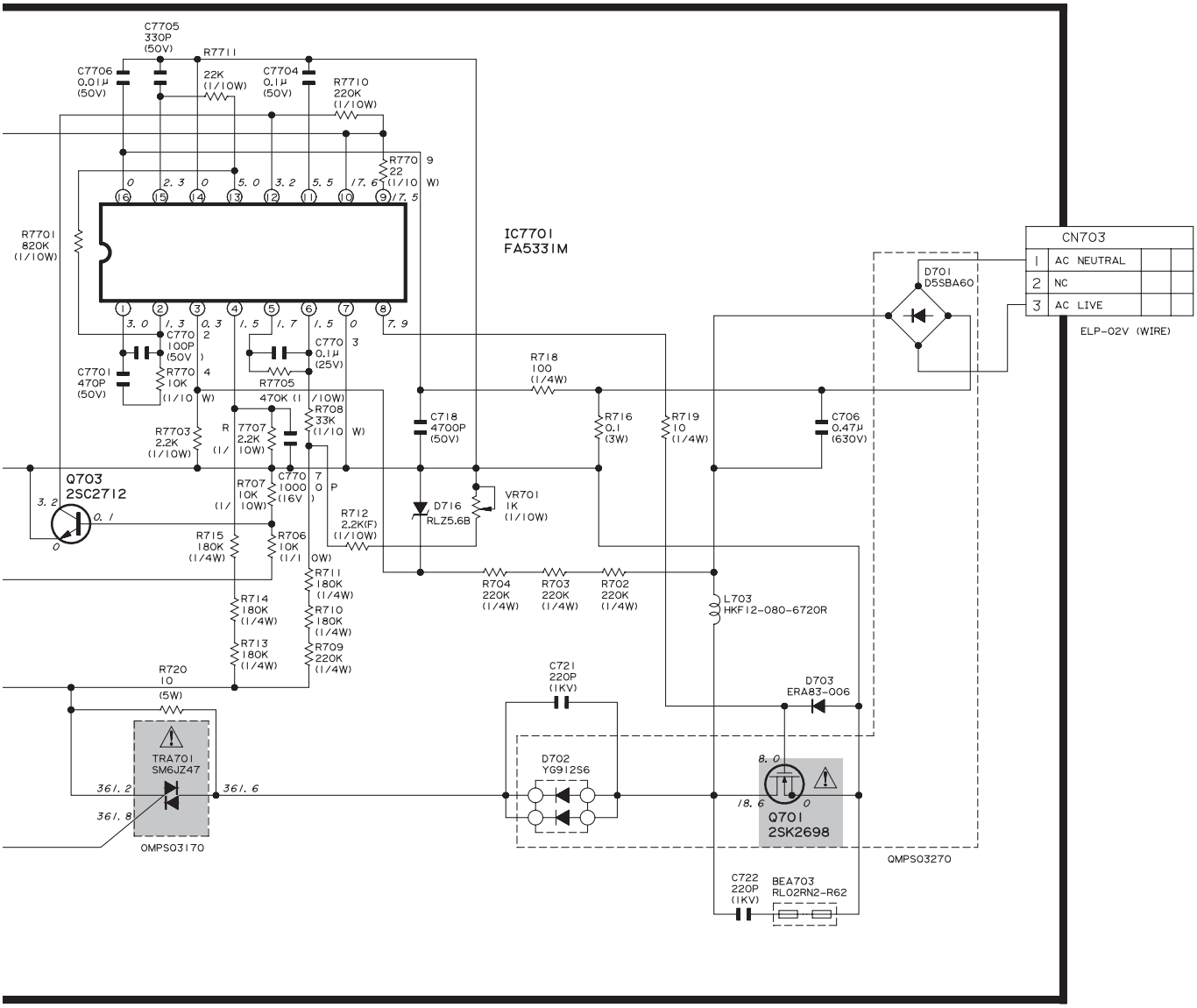

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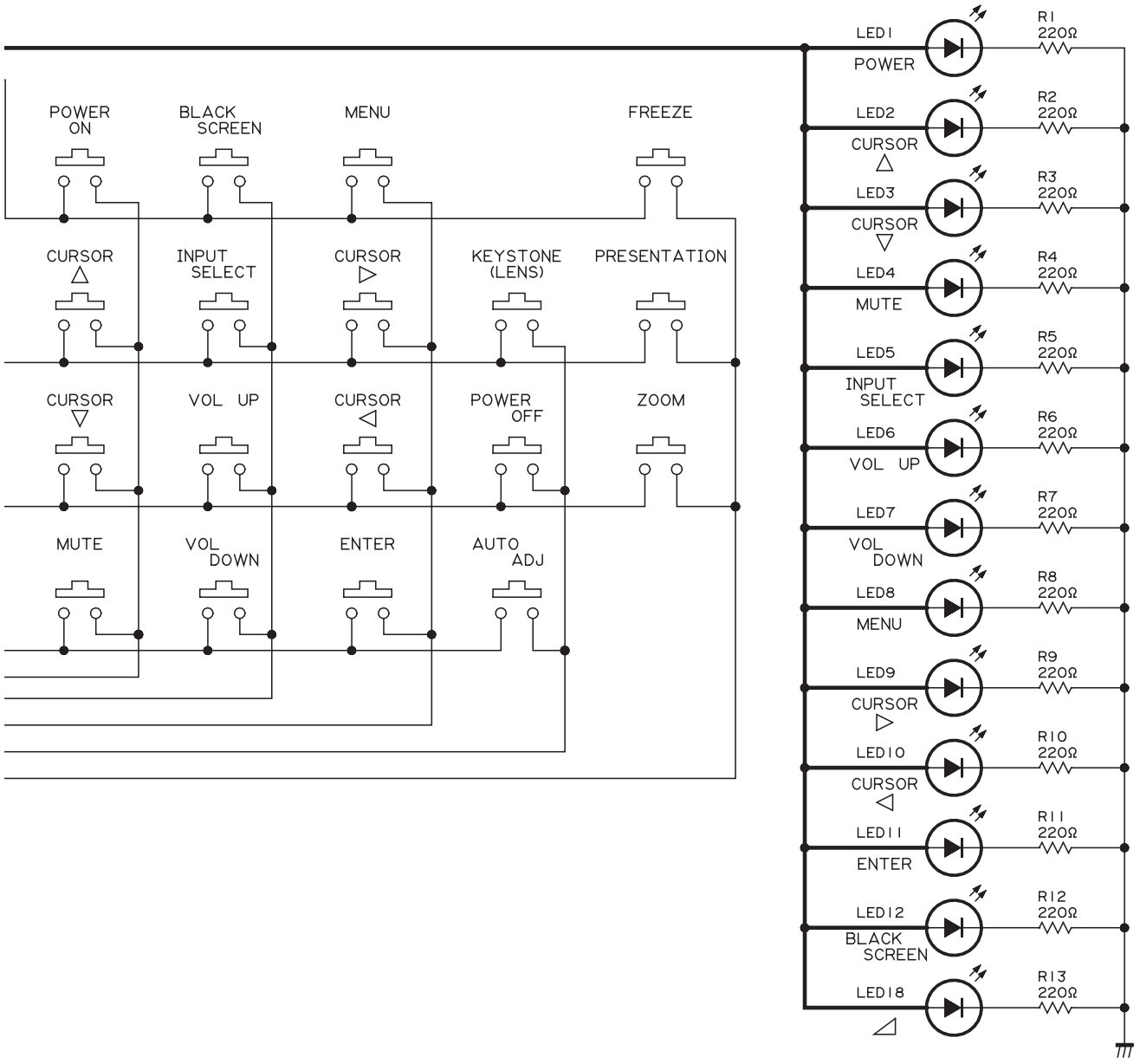

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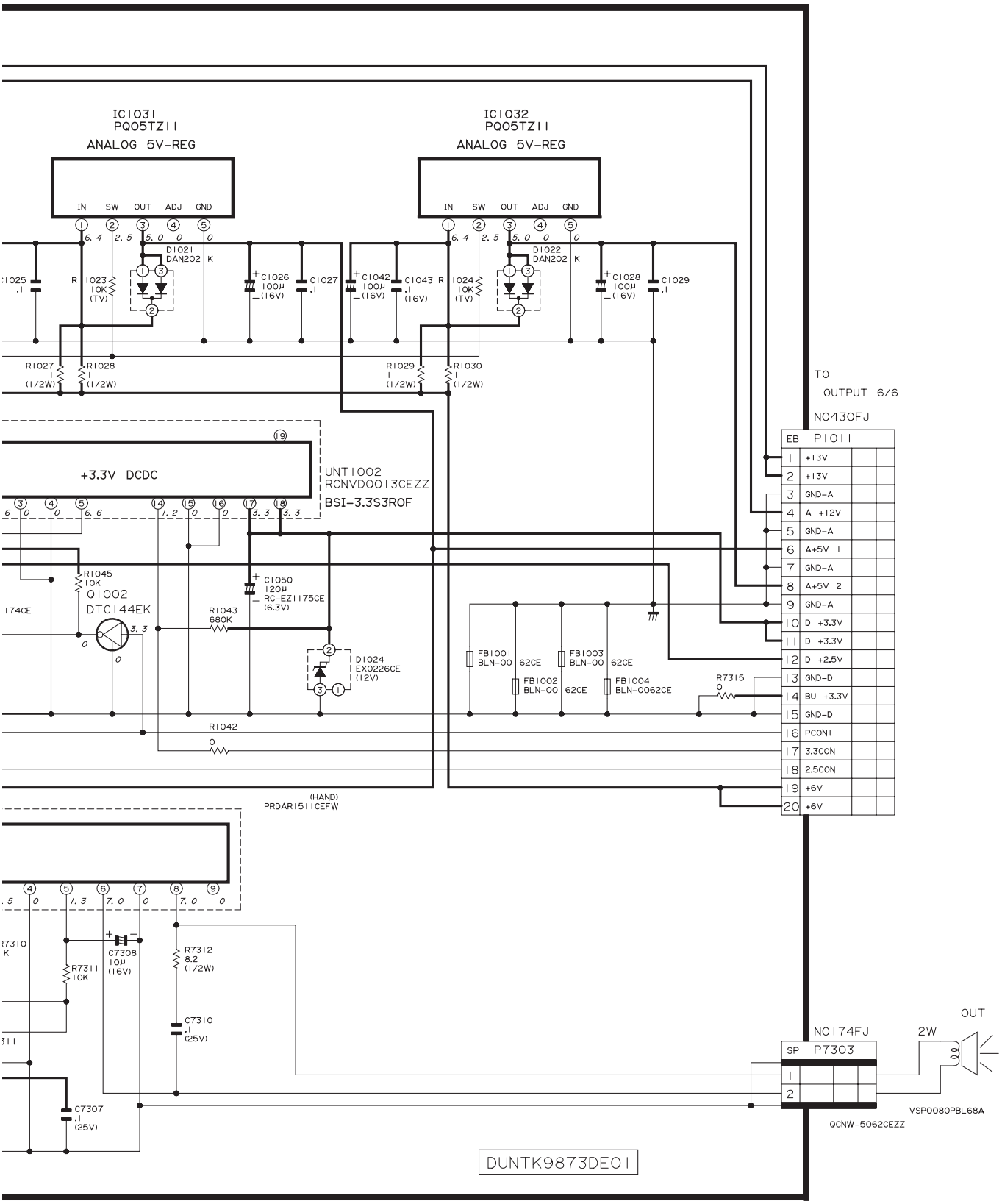

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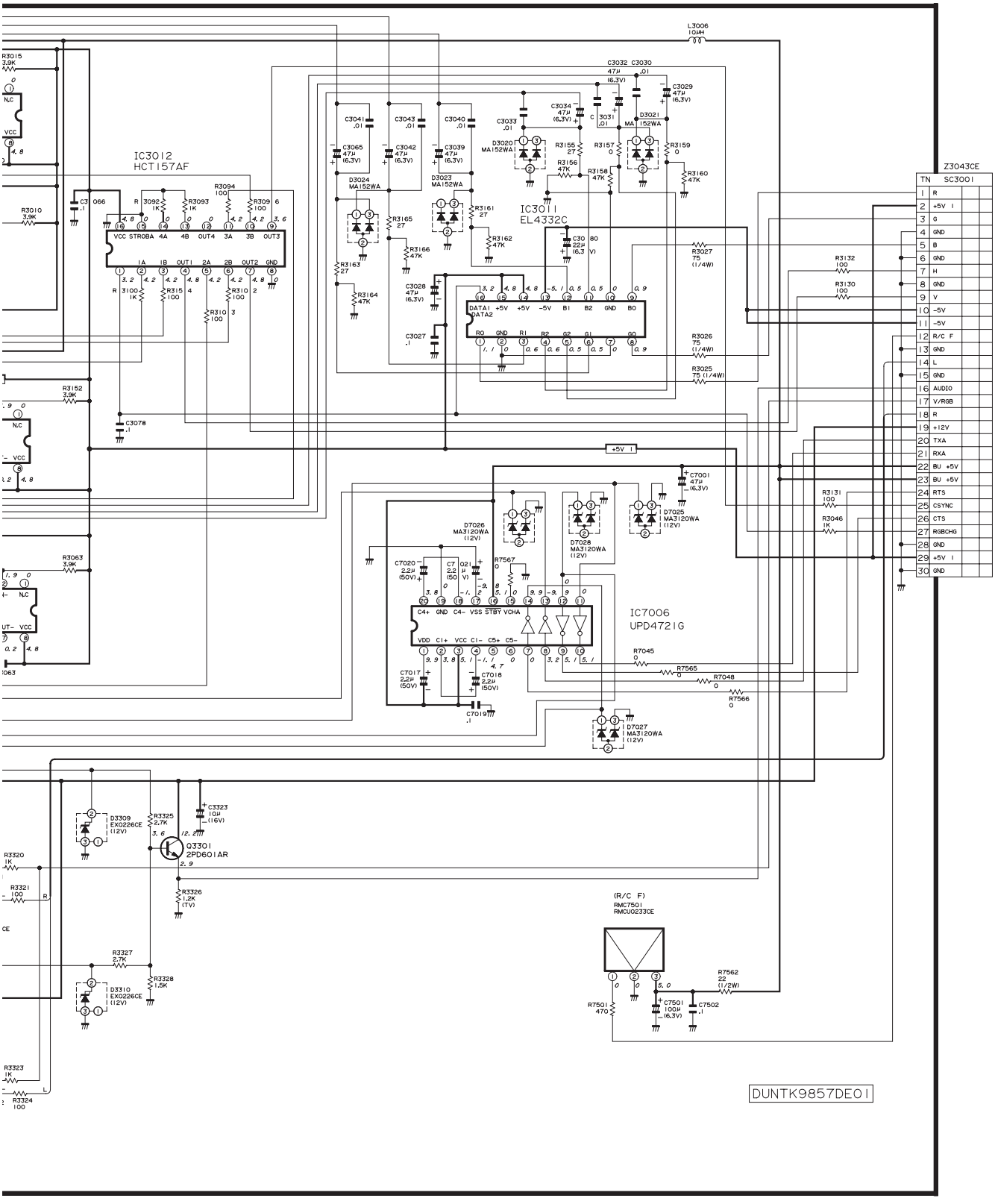

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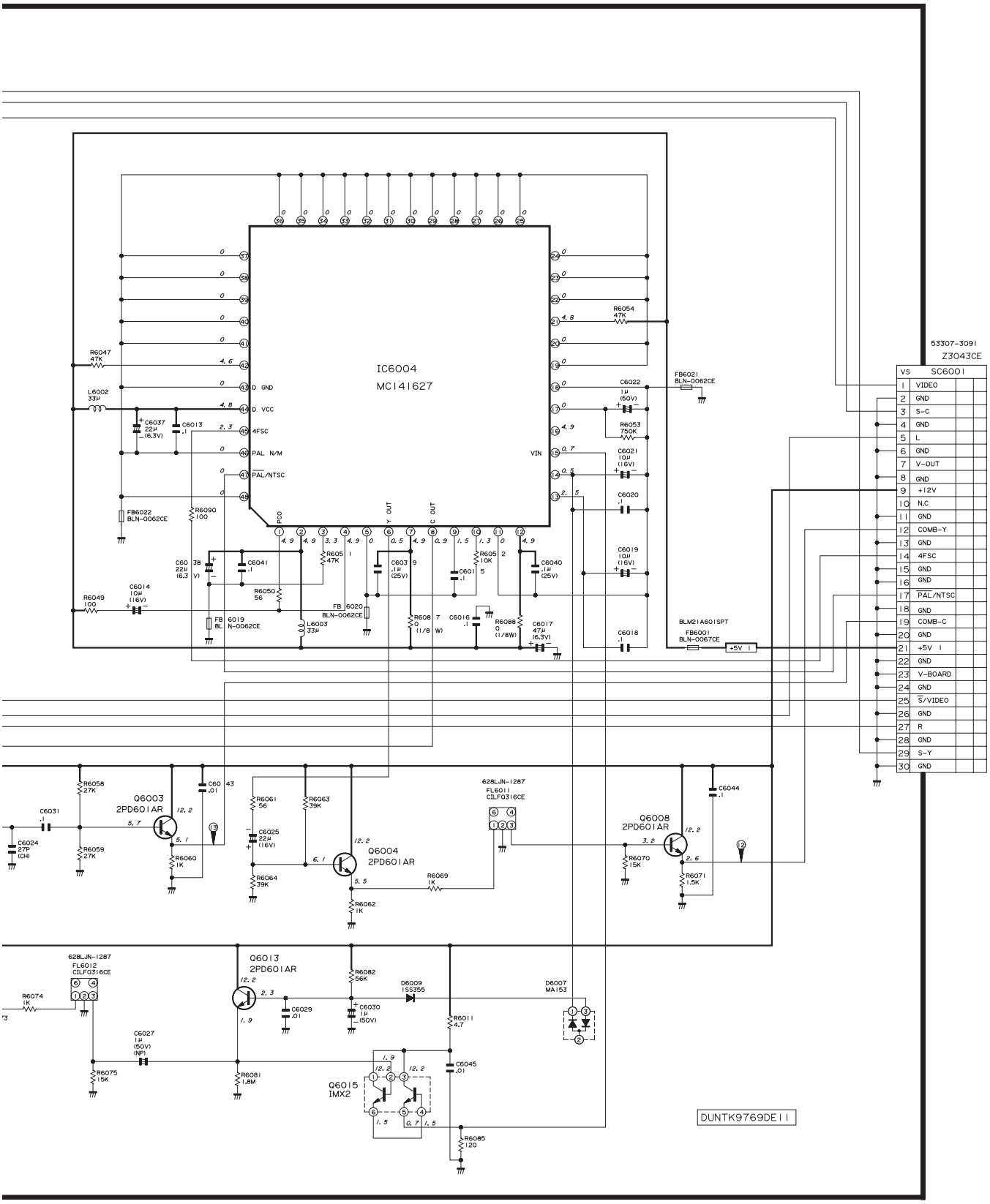

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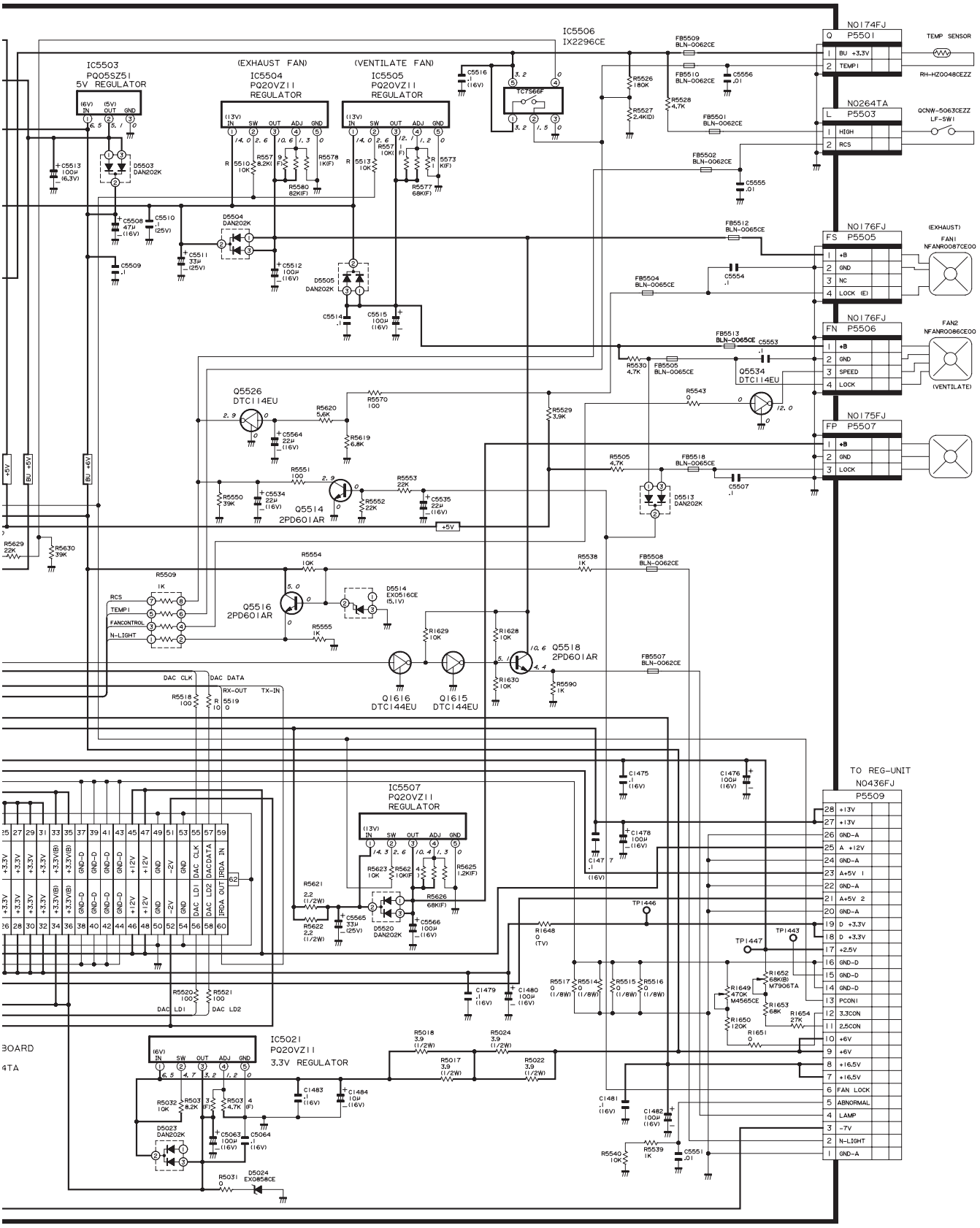

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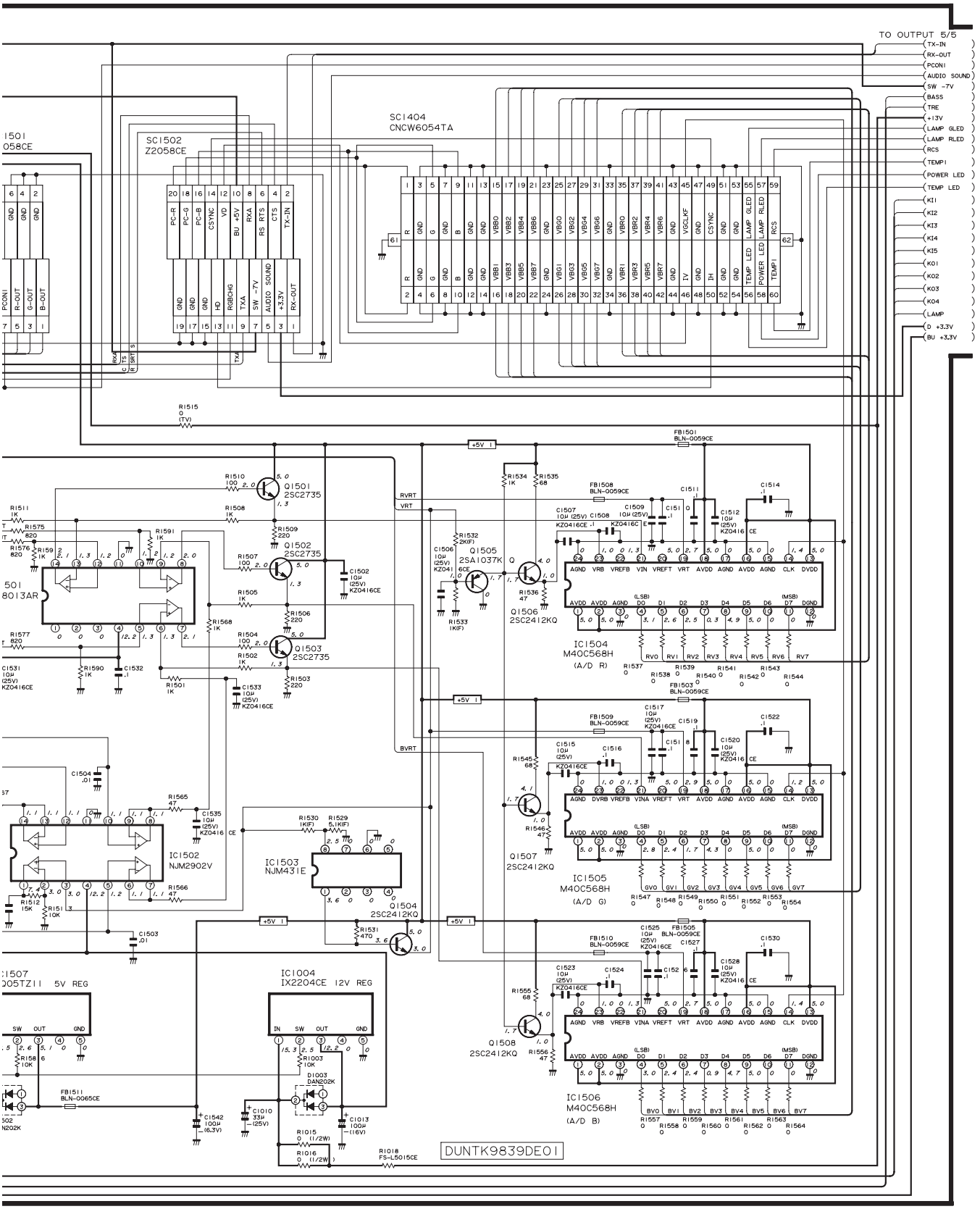

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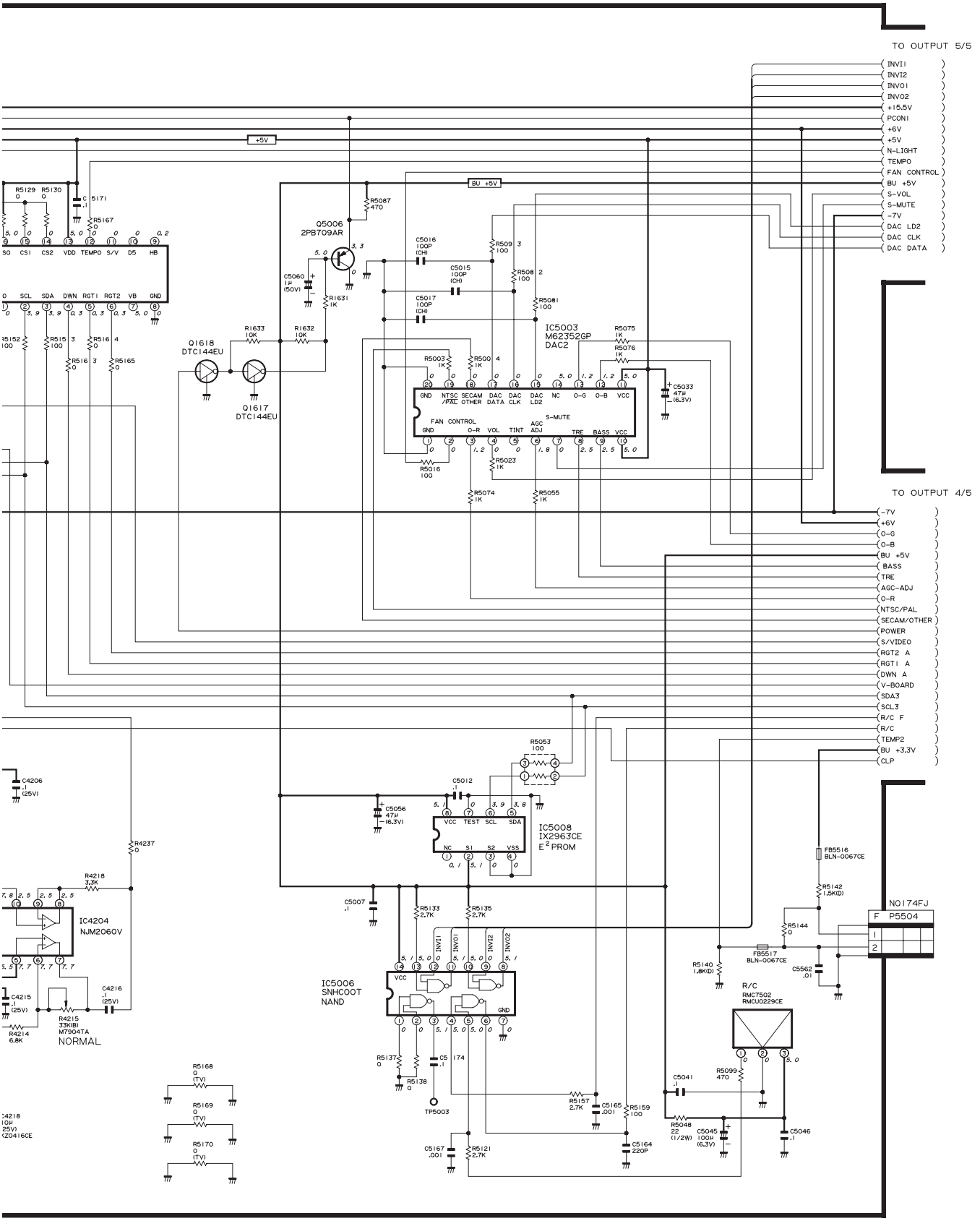

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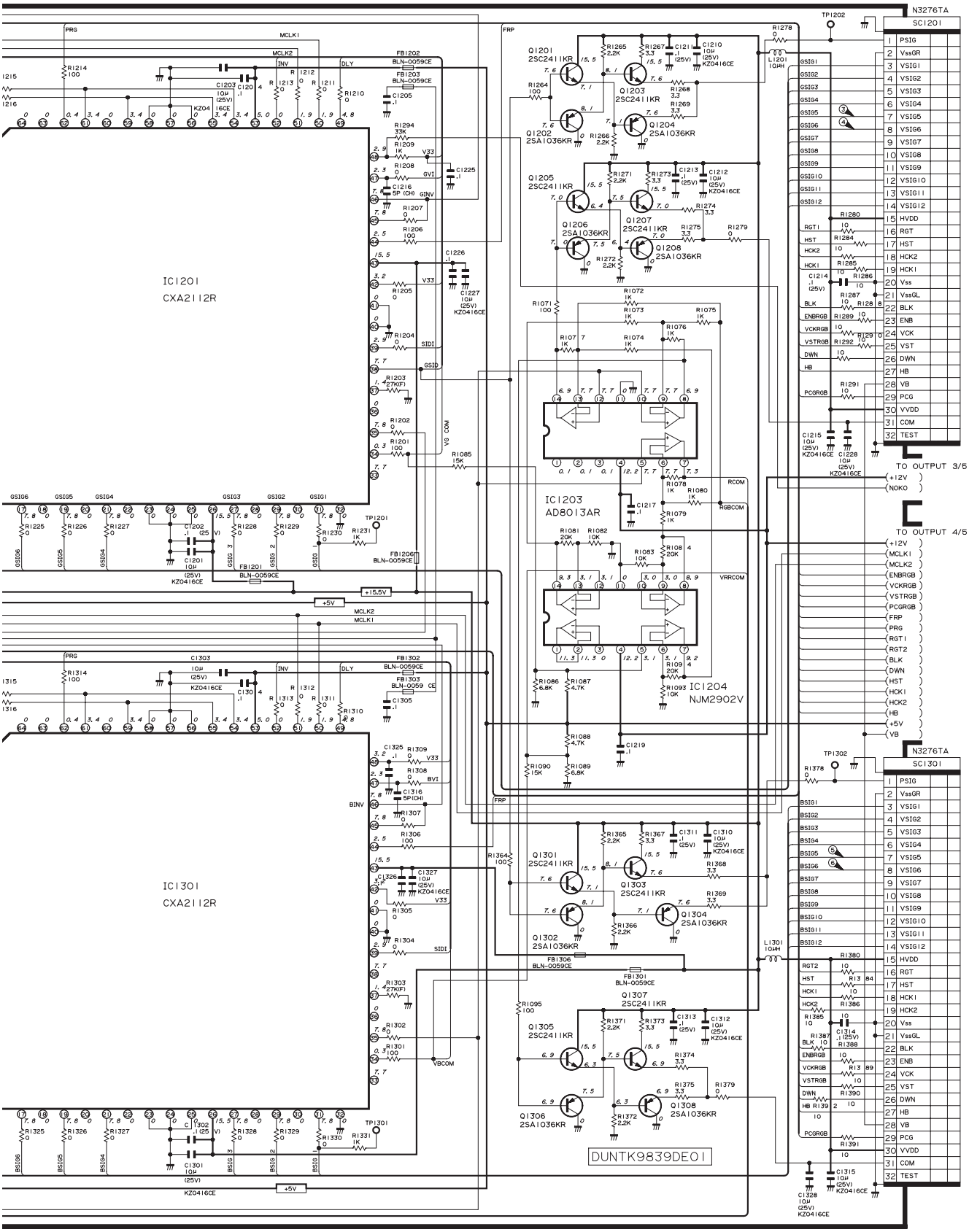

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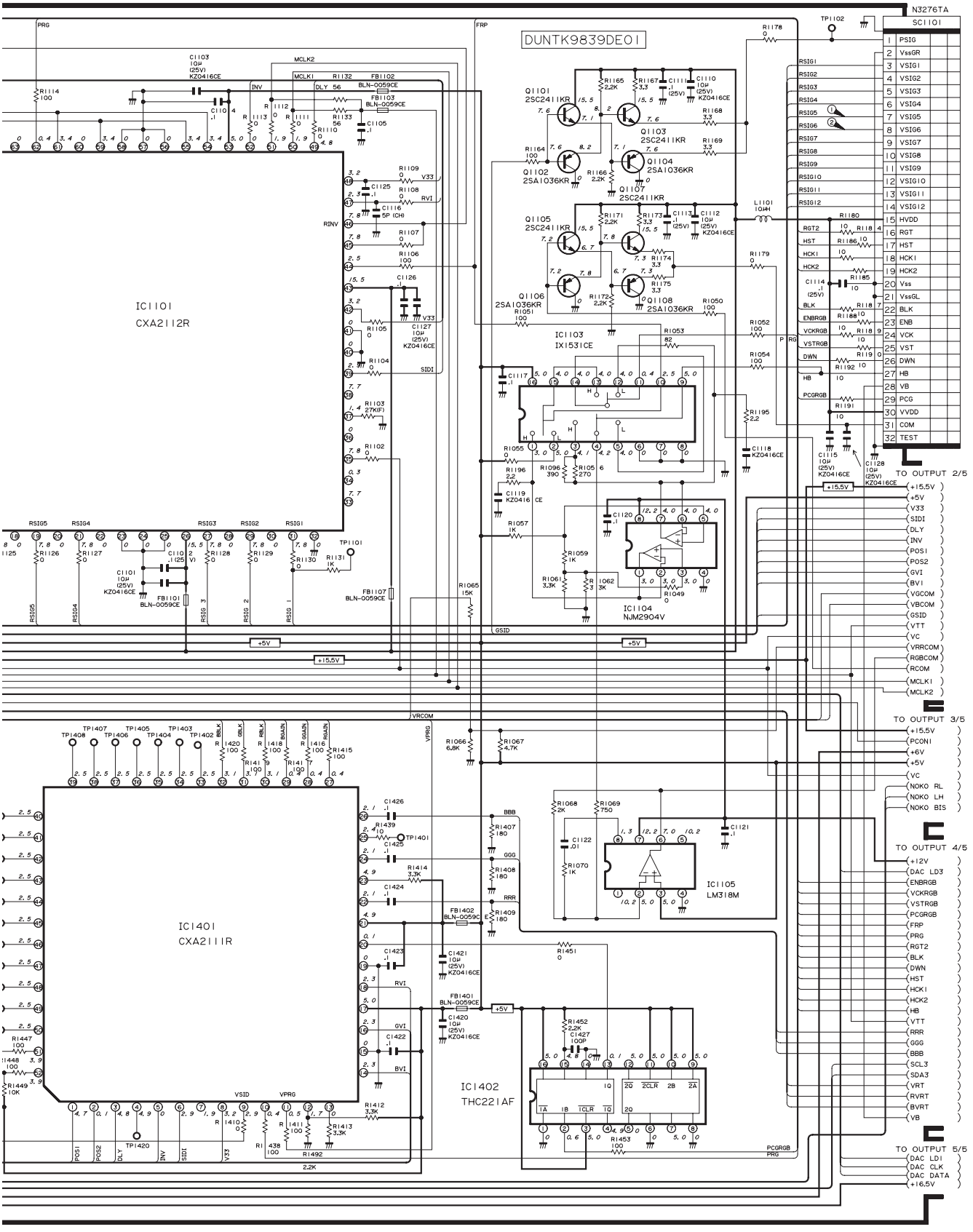

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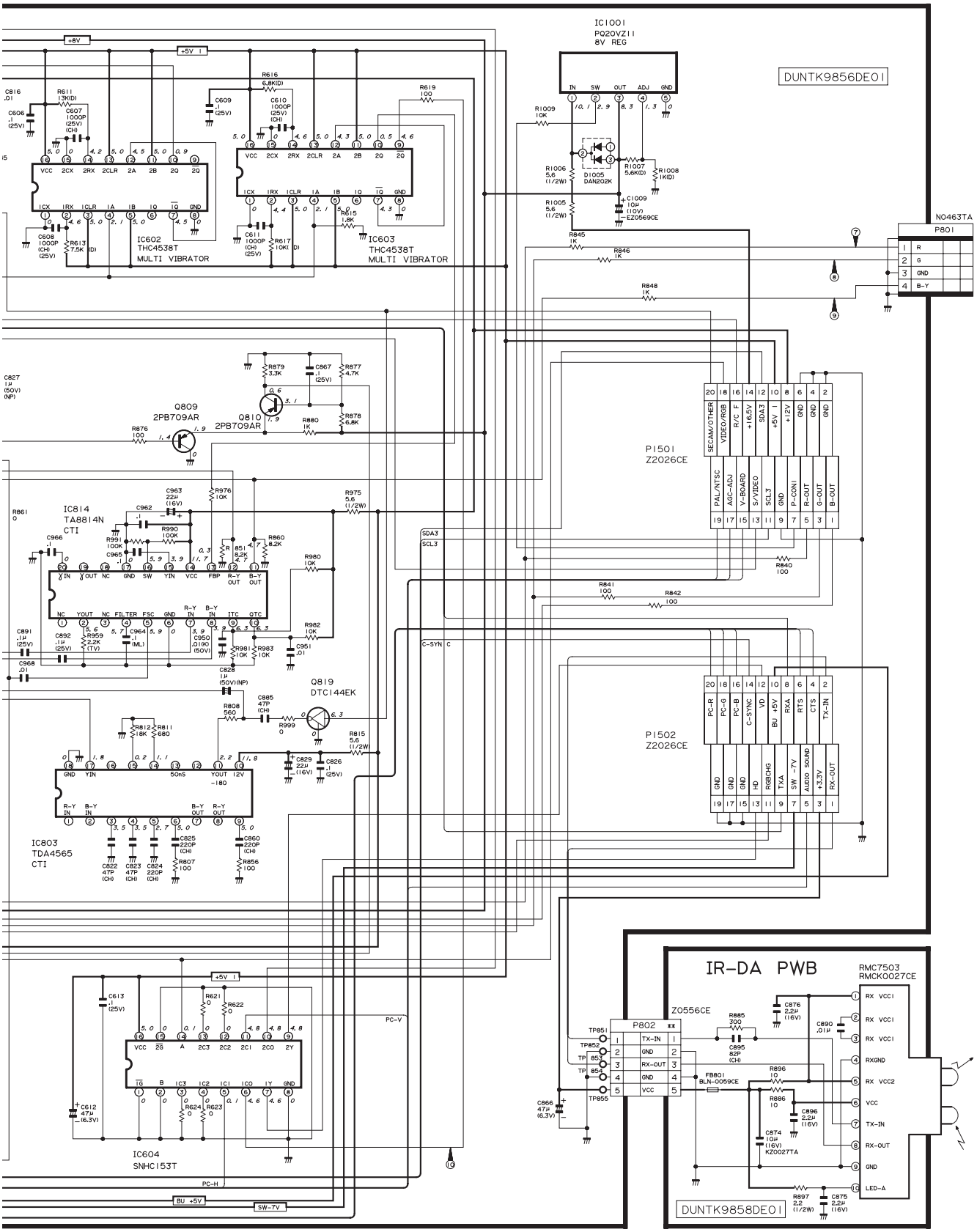

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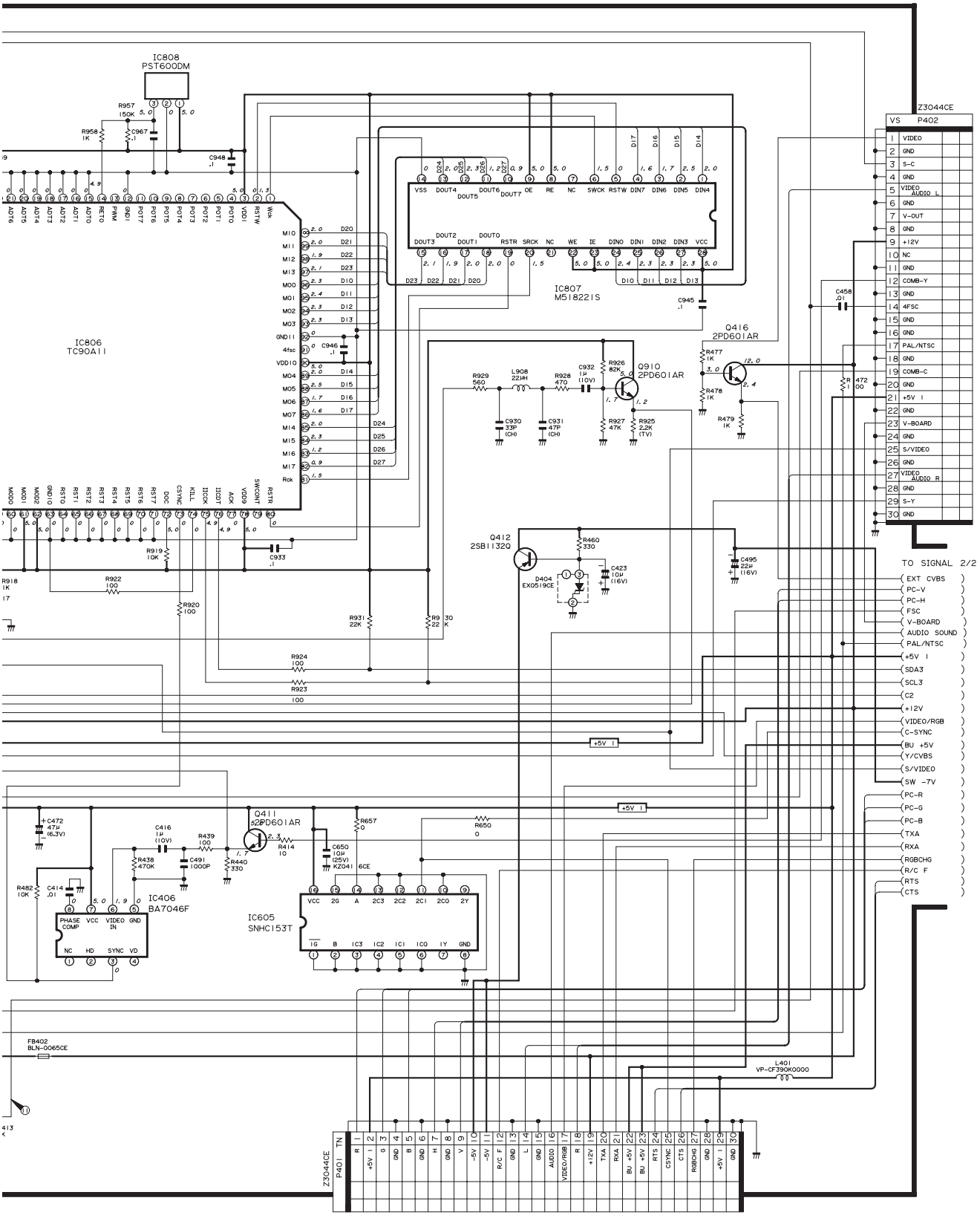

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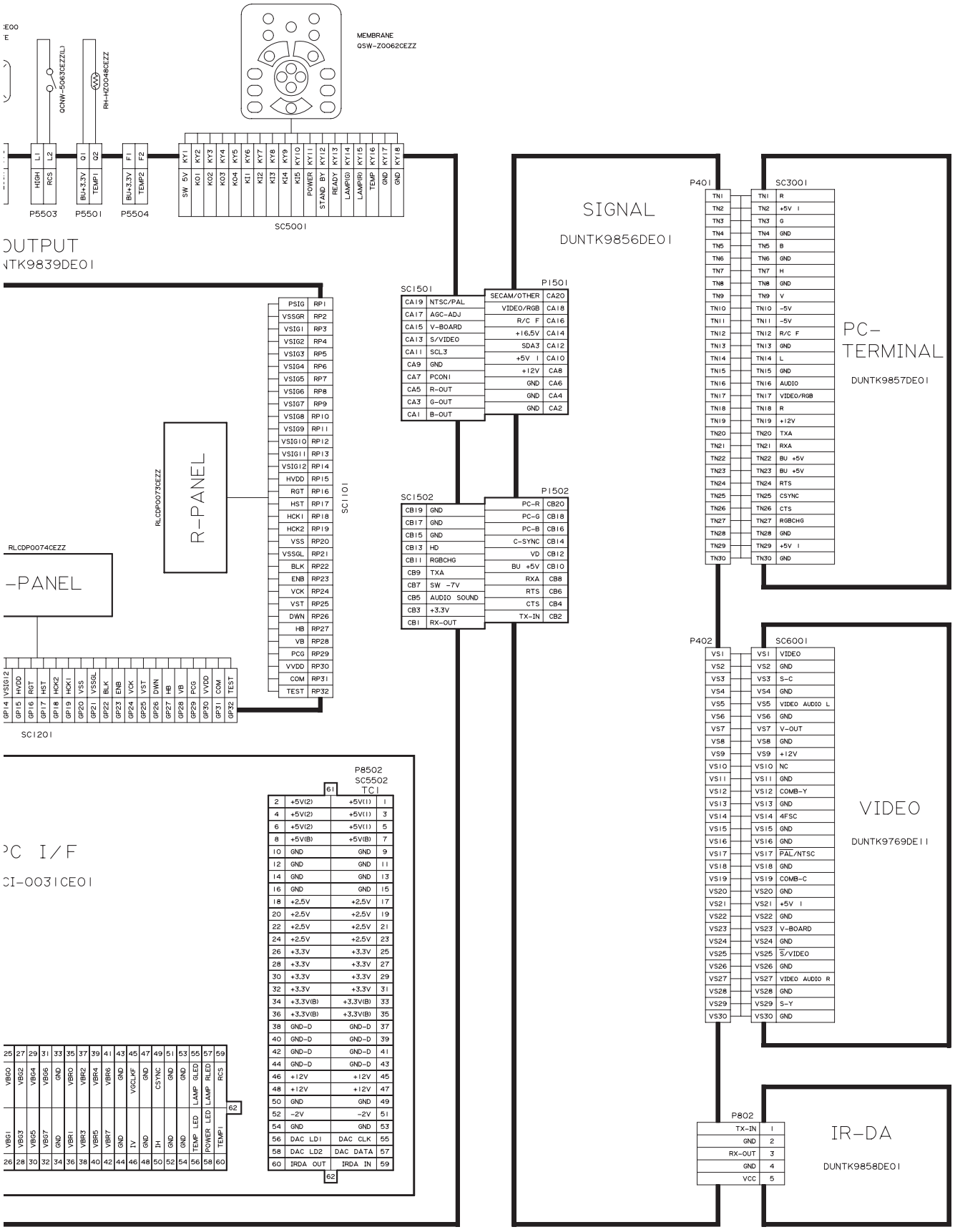

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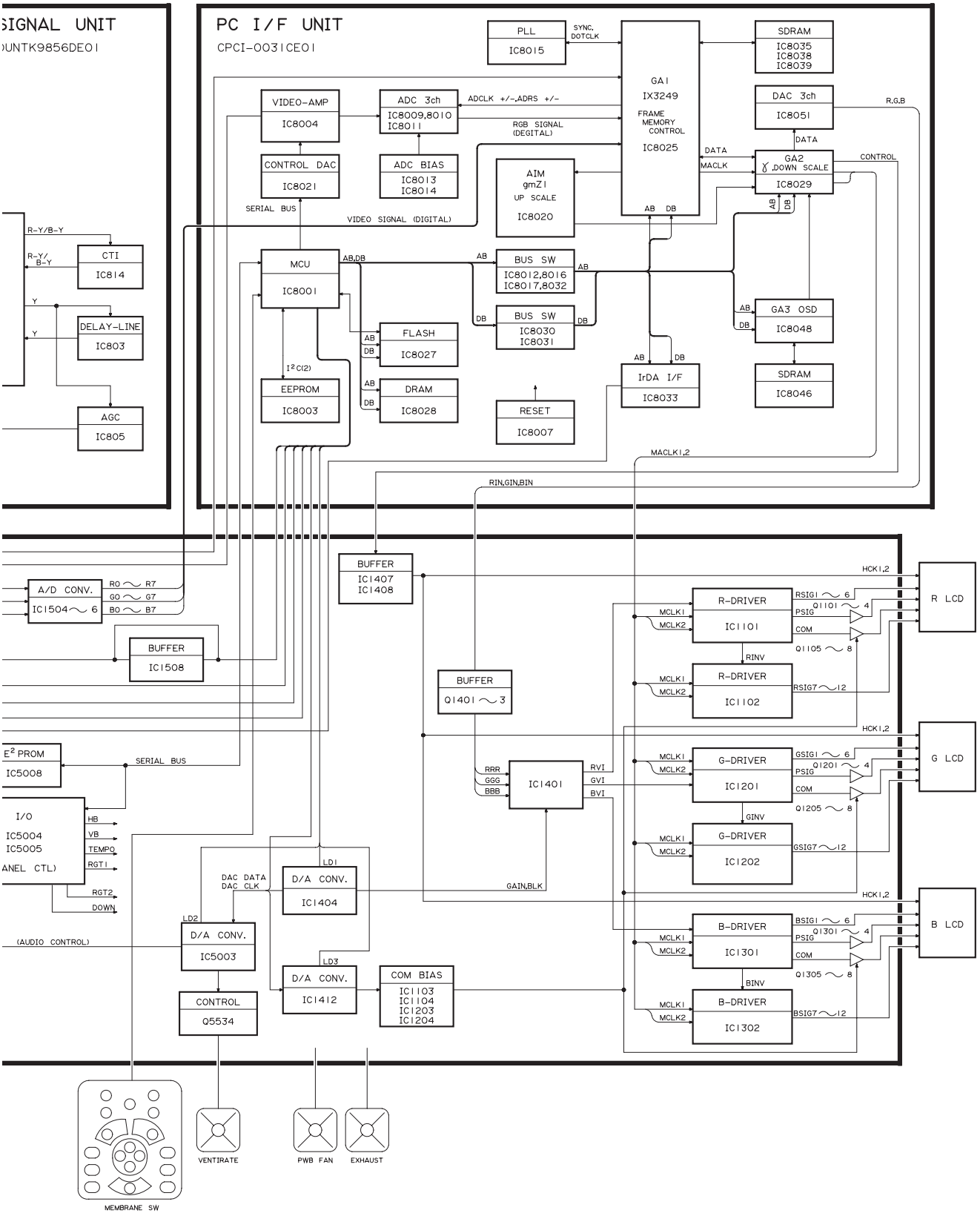

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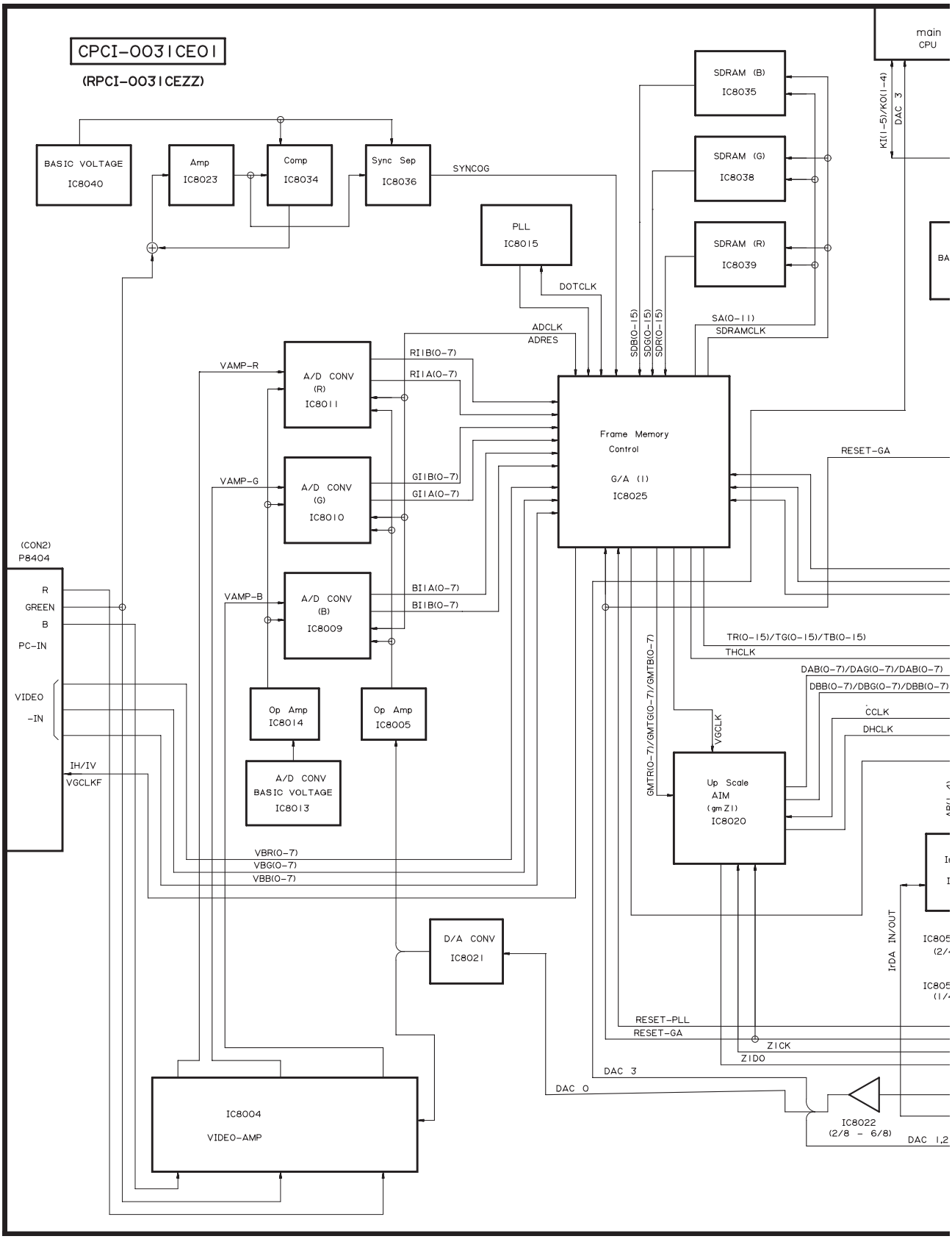
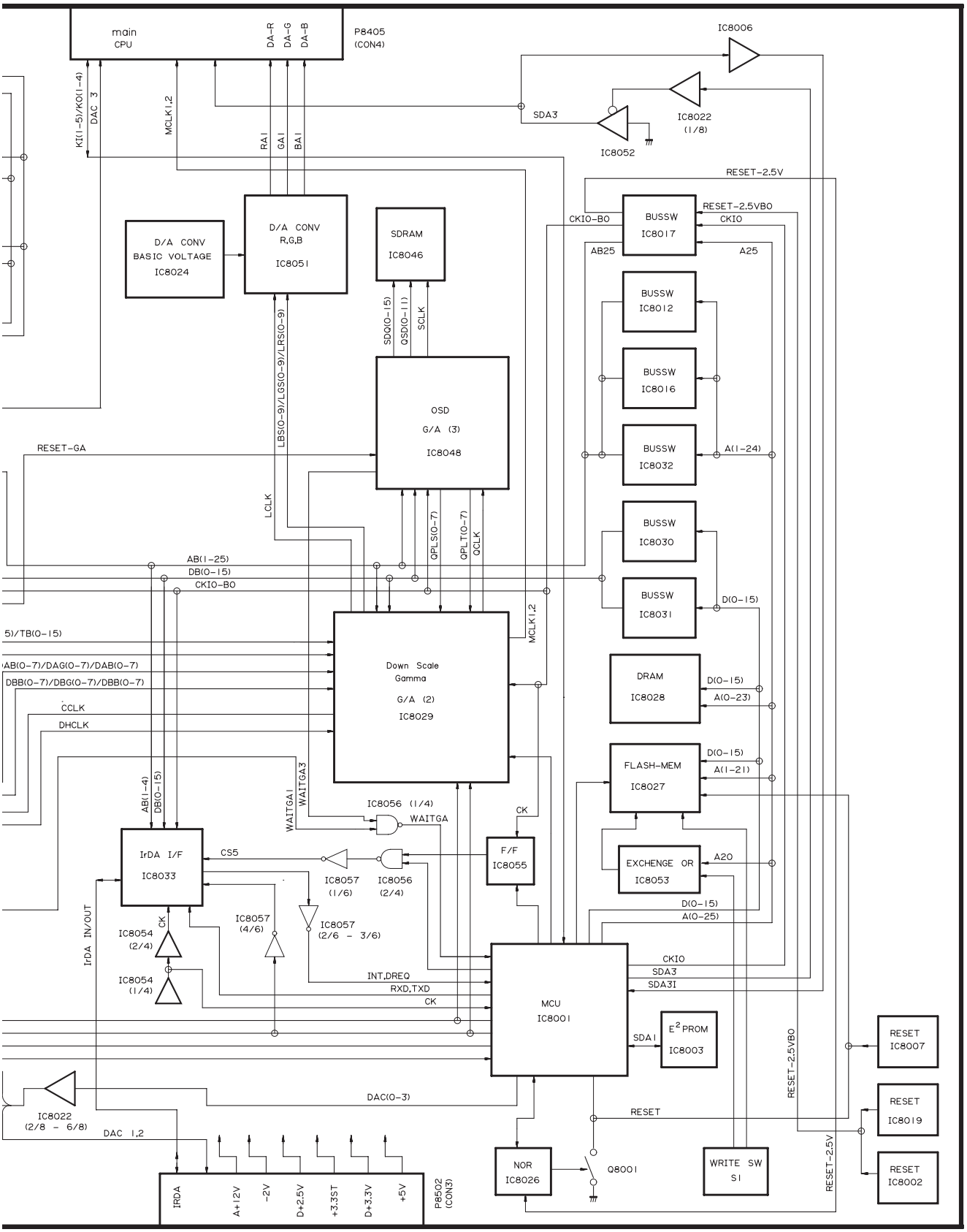
BLOCK DIAGRAM-2





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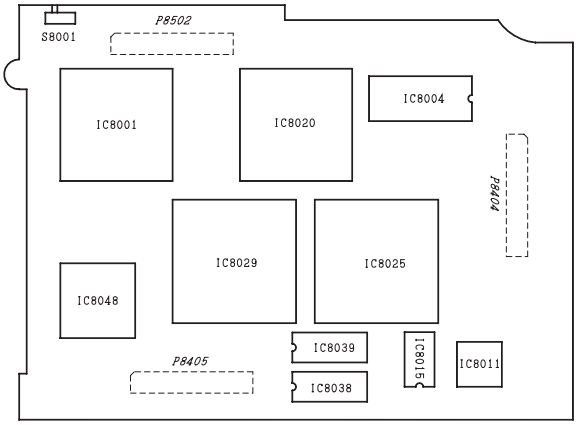
PC I/F UNIT
CPCI-0031CE01



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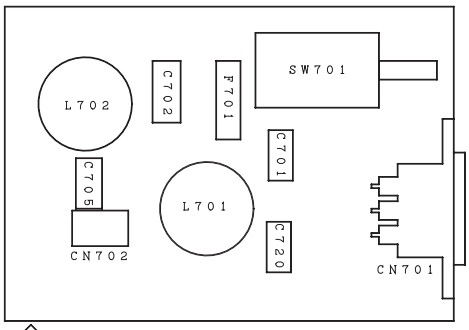

SIGNAL UNIT
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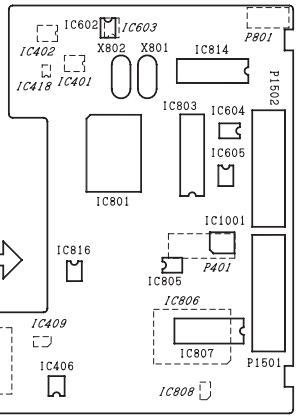

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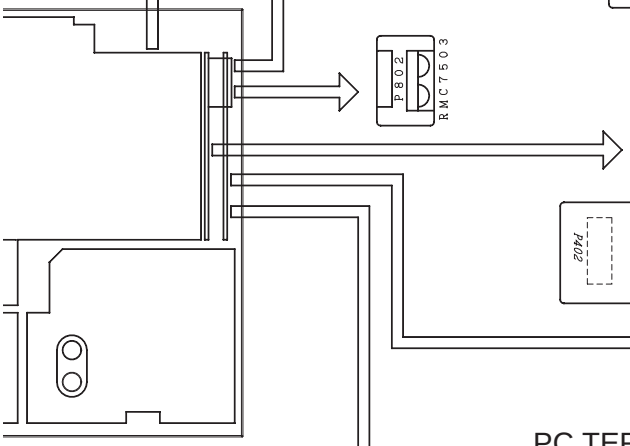

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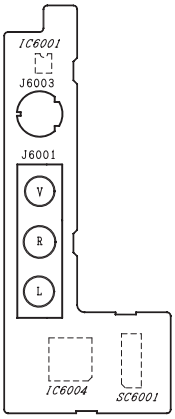

PC TERMINAL UNIT
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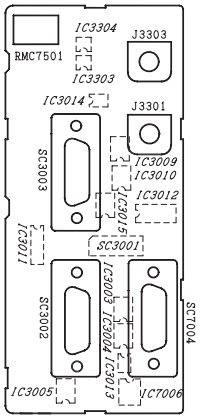

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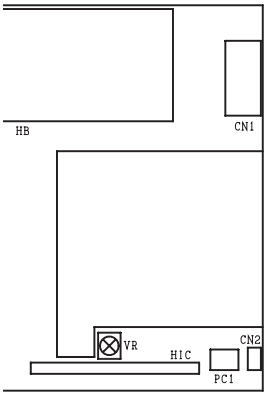

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